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# CATALOGUE

OF THE

OFFICERS AND STUDENTS

OF

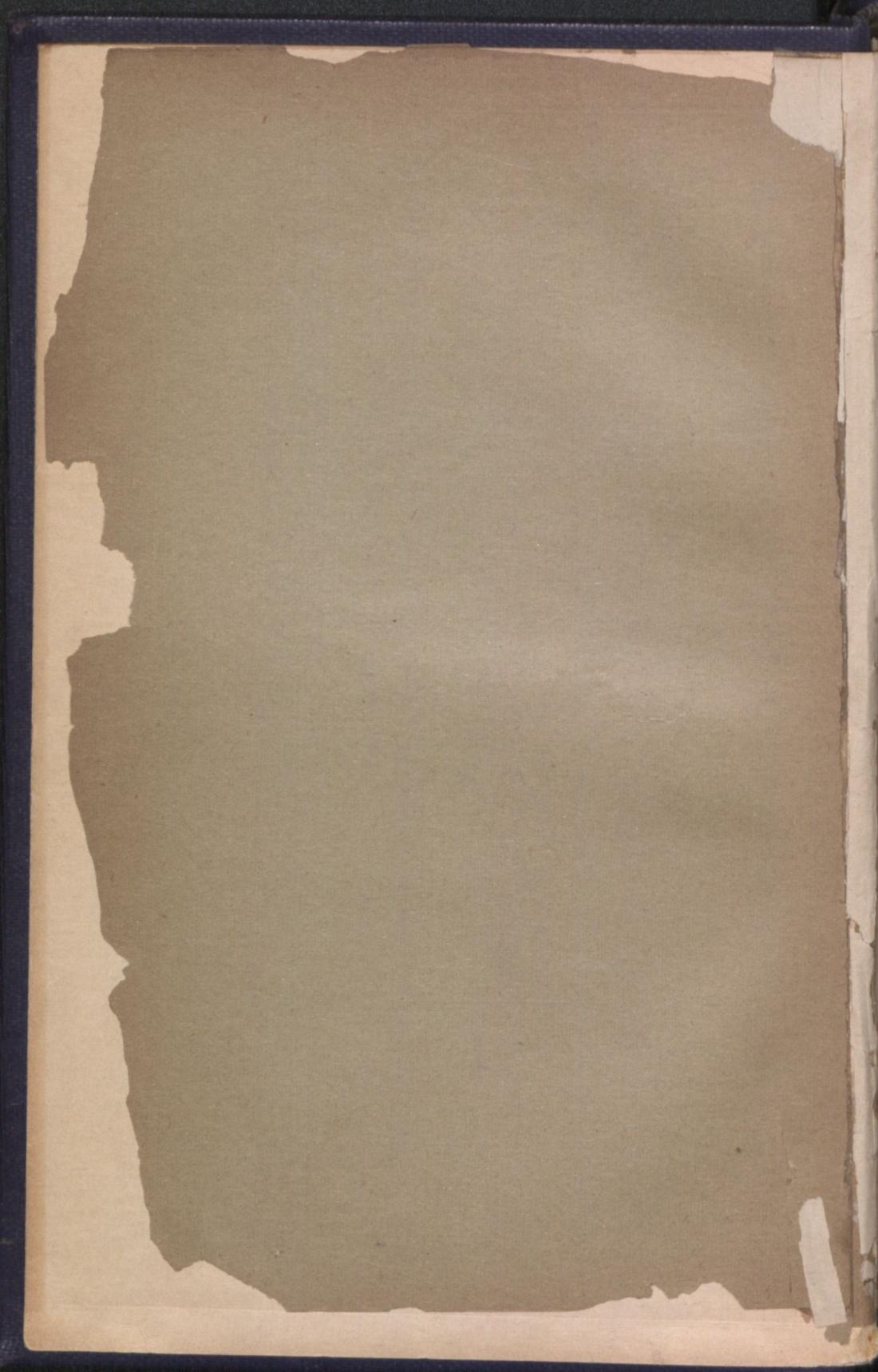
# THE COLUMBIAN UNIVERSITY,

FOR THE ACADEMIC YEAR 1891-'92.

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WASHINGTON :  
BYRON S. ADAMS, PRINTER.  
1892.

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# CATALOGUE

OF THE

## OFFICERS AND STUDENTS

OF

# THE COLUMBIAN UNIVERSITY,

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## THE NEW UNIVERSITY BUILDING.

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The exercises of the College, of the Law School, and of the Scientific School are held in the new University building, situated on the southeast corner of H and Fifteenth streets.

This building is four stories high and has a frontage of 121 feet on Fifteenth street and 64½ on H street, with an annex extending back on the south line 156 feet. The façades are built of pressed and moulded bricks, which latter were especially shaped and modelled for the building, while its terra-cotta ornamentations are artistically designed to give architectural expression to the educational purposes of the edifice. The ascent to the main floor is by iron stairs 12 feet wide, and to the floor above by a massive and ornate staircase 7 feet wide.

In the main story are contained the Law Lecture Hall, 45 feet by 60 feet (capable of seating five hundred persons), the Museum, the University Library, the President's Office, the Reception Room, and one Lecture Room. The upper stories contain Lecture Rooms, Professors' Studies, the Chemical Lecture Hall, the Enosian Society Hall, &c., &c., while the pavilion which surmounts the building is designed for use by the teacher of Astronomy. The basement story, which is at an average depth of only 12 inches below the pavement, contains several Lecture rooms, the Assay Department, steam heating rooms, fuel rooms, store rooms, &c. The Chemical Laboratories are relegated to the lateral annex on the south line of the lot, and are separated from the main building by a heavy brick wall. Access to the laboratories is obtained by a spacious stone staircase, built around the main ventilation shaft, and encased by brick walls to make it proof against fire. Heavy brick partitions and iron beams running through the whole building render each tier of rooms secure from communication in case fire should occur in any part of the structure. The building is heated throughout by steam and by a combination of both direct and indirect radiation. The ventilation is effected by a general system dependent on two large shafts and by a special system of flues connecting with these shafts, or with chimneys, and reaching to every room occupied for purposes of instruction.

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### NOTE.

By an act of Congress approved March 3, 1873, the act to incorporate The Columbian College, in the District of Columbia, approved February 9, 1821, was so far modified as to provide, *inter alia*, "that said Corporation shall be hereafter known and called by the name of The Columbian University, and in that name shall take, hold, and manage all the estate and property now belonging to said College, or that may hereafter be conveyed, devised, or bequeathed to said Corporation by its original name."

## CALENDAR.

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### CURRENT ACADEMIC YEAR (1891-'92).

1891. Sept. 18. { Examination of Candidates for admission { Friday.  
 Sept. 19. } to College . . . . . { Saturday.  
 Sept. 21. First College Term begins . . . . . Monday.  
 Sept. 21. First Term Preparatory School begins . . . . . Monday.  
 Oct. 1. Session of Corcoran School begins . . . . . Thursday.  
 Oct. 1. Session of Law School begins . . . . . Thursday.  
 Oct. 1. Session of Medical School begins . . . . . Thursday.  
 1892. Jan. 20. First College Term Examination begins . . . Wednesday.  
 Feb. 1. Second College Term begins . . . . . Monday.  
 Mar. 17. Commencement of Medical School . . . . . Thursday.  
 April 13. Senior Examination begins . . . . . Wednesday.  
 May 23. Second College Term Examination begins . . . Monday.  
 June 6. Anniversary Meeting of Alumni . . . . . Monday.  
 June 7. Commencement of Law School . . . . . Tuesday.  
 June 8. { Commencement of College and Corcoran } School . . . . . Wednesday.  
 June 10. Closing Exercises of Preparatory School . . Friday.

### NEXT ACADEMIC YEAR (1892-'93).

1892. Sept. 16. { Examination of Candidates for admission { Friday.  
 Sept. 17. } to College . . . . . { Saturday.  
 Sept. 19. First College Term begins . . . . . Monday.  
 Sept. 19. First Term Preparatory School begins . . . . . Monday.  
 Oct. 3. Session of Medical School begins . . . . . Monday.  
 Oct. 4. Session of Corcoran School begins . . . . . Tuesday.  
 Oct. 5. Session of Law School begins . . . . . Wednesday.  
 1893. Jan. 23. First College Term Examination begins . . Monday.  
 Feb. 6. Second College Term begins . . . . . Monday.  
 Mar. 16. Commencement of Medical School . . . . . Thursday.  
 April 12. Senior Examination begins . . . . . Wednesday.  
 May 22. Second College Term Examination begins . . Monday.  
 June 12. Anniversary Meeting of Alumni . . . . . Monday.  
 June 13. Commencement of Law School . . . . . Tuesday.  
 June 14. { Commencement of College and Corcoran } School . . . . . Wednesday.  
 June 16. Closing Exercises of Preparatory School . . Friday.

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*Secretary and Treasurer of the Corporation.\**

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\*The office of Secretary and Treasurer is vacant and is temporarily filled by the appointment of the President of the University as Acting Secretary and Treasurer.

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Professor of the Greek Language and Literature.

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Professor of the English Language and Literature, and of Anglo-Saxon.

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Professor of Chemistry, Physics, and Natural History.

ANDREW P. MONTAGUE, A. M., PH. D.,  
Professor of the Latin Language and Literature, and Principal of the Preparatory Department.

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Professor of Mathematics, and of the German Language and Literature.

HOWARD L. HODGKINS, A. M.,  
Adjunct Professor of Mathematics.

✓ LEE D. LODGE, A. M.,  
Professor of the French Language and Literature, and Adjunct Professor of Latin.

H. GRANT HODGKINS, A. B.,  
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Professor of the Constitutional Jurisprudence of the United States, of the Law of Domestic Relations, of Commercial Paper, and of Torts.

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(ASSOCIATE JUSTICE OF THE SUPREME COURT OF THE DISTRICT OF COLUMBIA.)  
Professor of the Law of Real and Personal Property, of Contracts, and of Crimes and Misdemeanors.

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Professor of Equity Jurisprudence, of Common Law and Equity Pleading, and of the Law of Evidence.

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(ASSOCIATE JUSTICE OF THE SUPREME COURT OF THE UNITED STATES.)  
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 (SOMETIME ASSISTANT ATTORNEY OF THE DISTRICT OF COLUMBIA.)  
 Professor of Common Law Practice, and Lecturer on the History of Law.

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 (SOMETIME DISTRICT ATTORNEY OF THE UNITED STATES.)  
 Lecturer on Legal Bibliography and the Use of Authorities in Court.

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 (OF THE WASHINGTON BAR.)  
 Lecturer on Practical Commercial Law.

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 (UNITED STATES COMMISSIONER OF PATENTS.)  
 Professor of the Law of Patents.

THE HON. ANDREW C. BRADLEY,  
 (ASSOCIATE JUSTICE OF THE SUPREME COURT OF THE DISTRICT OF COLUMBIA.)  
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WILLIAM G. JOHNSON, LL. M.,  
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 Faculty.

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 Professor of Materia Medica and Therapeutics.

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 Professor of Anatomy.

✓WILLIAM P. CARR, M. D.,  
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✓ G. N. ACKER, A. M., M. D.,  
Demonstrator of Pathological Histology.

✓ WILLIAM M. GRAY, M. D.,  
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LOUIS MACKALL, M. D.,  
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✓ WILLIAM F. R. PHILLIPS, M. D.,  
Prosector to the Chair of Anatomy.

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Professor of Chemistry.

✓ WILLIAM LEE, M. D.,  
Professor of Physiology.

✓ D. W. PRENTISS, A. M., M. D.,  
Professor of Materia Medica and Therapeutics.

✓ D. KERFOOT SHUTE, A. B., M. D.,  
Professor of Anatomy.

✓ WILLIAM P. CARR, M. D.,  
Demonstrator of Anatomy.

R. FINLEY HUNT, D. D. S.,  
Demonstrator in Charge of Infirmary.

J. R. HAGAN, D. D. S.,  
Assistant Demonstrator.

✓ R. B. DONALDSON, D. D. S.,

✓ H. B. NOBLE, SR., D. D. S.,

✓ J. CURTIS SMITH, D. D. S.,

✓ L. C. F. HUGO, D. D. S.,

✓ W. S. HARBAN, D. D. S.,

✓ E. R. RUST, D. D. S.,  
 ✓ H. M. SCHOOLEY, D. D. S.,  
 ✓ WILLIAMS DONNALLY, D. D. S.,  
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*1315 Massachusetts Avenue N. W., Washington, D. C.*  
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 ✓ HOWARD L. HODGKINS, A. M.,  
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 ✓ FRANCIS R. FAVA, JR., C. E.,  
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 Professor of Drawing.  
 ✓ EXUM PERCY LEWIS, B. S.,  
 Instructor in Physics and Astronomy.

## STUDENTS OF LAW.

---

### GRADUATE CLASS IN PRACTICE.

<i>Name.</i>	<i>Residence.</i>
R. J. F. ALLEN . . . . .	West Virginia. LL. B., Columbian University, 1891.
LUKE BAKER . . . . .	Pennsylvania.
E. S. BARTLETT . . . . .	Maine. A. M., Bowdoin, 1888. LL. B., Columbian University, 1891.
W. M. O. BELT . . . . .	District of Columbia. LL. B., Columbian University, 1891.
J. H. BRICKENSTEIN . . . . .	Pennsylvania. M. S., Princeton. LL. B., Georgetown University, 1891.
N. LANDON BURCHELL . . . . .	District of Columbia. A. M., Columbian University, 1883. LL. B., Columbian University, 1891.
J. H. CAMPBELL . . . . .	Illinois. LL. B., Columbian University, 1891.
J. G. COHEN . . . . .	District of Columbia. LL. B., Columbian University, 1891.
JOHN COKER . . . . .	Illinois.
JAMES J. CORRIDON . . . . .	Virginia. LL. B., Columbian University, 1891.
J. B. CRALLÉ . . . . .	District of Columbia. LL. B., Columbian University, 1887.
PAUL H. CROMELIEN . . . . .	District of Columbia. LL. B., Columbian University, 1891.
GEORGE F. CURTIS . . . . .	District of Columbia. LL. B., Georgetown University, 1889. LL. M., Georgetown University, 1890.
GEORGE B. DALRYMPLE . . . . .	District of Columbia. LL. B., Columbian University, 1890.
GEORGE B. DAVIS . . . . .	Massachusetts. LL. B., Columbian University, 1891.
CLARENCE E. DAWSON . . . . .	District of Columbia. LL. B., Columbian University, 1891.
CLARENCE W. DE KNIGHT . . . . .	District of Columbia. LL. B., Columbian University, 1891.
W. G. DOOLITTLE . . . . .	District of Columbia. LL. B., Cornell University, 1891.
ARTHUR S. DUDLEY . . . . .	Wisconsin. Ph. B., Kenyon College, 1886. LL. B., Columbian University, 1889.
HORACE B. DURANT . . . . .	Ohio. LL. B., Columbian University, 1891.
EDWARD H. EAKLE . . . . .	Colorado. LL. B., Columbian University, 1891.

<i>Name.</i>	<i>Residence.</i>
R. F. ELLIOTT . . . . .	Pennsylvania.
LL. B., Columbian University, 1891.	
W.M. L. ELTERICH . . . . .	District of Columbia.
A. M., University of Erlangen, Bavaria, 1861.	
LL. B., Columbian University, 1891.	
HENRY H. FLATHER . . . . .	Maryland.
LL. B., Columbian University, 1891.	
CYRUS P. FLICK . . . . .	Ohio.
LL. B., Georgetown University, 1888.	
E. ALLEN FROST . . . . .	Pennsylvania.
A. B., Waynesburg College, 1889.	
LL. B., Columbian University, 1891.	
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H. F. GRIFFIN . . . . .	North Carolina.
A. M., Judson College, 1889.	
LL. B., Columbian University, 1891.	
A. B. HALL . . . . .	Michigan.
LL. B., Columbian University, 1886.	
PORTER D. HASKELL . . . . .	Michigan.
Graduate United States Naval Academy, 1880.	
LL. B., Columbian University, 1891.	
ALLAN J. HOUGHTON . . . . .	District of Columbia.
GEORGE MERLIN HULL . . . . .	Wisconsin.
LL. B., De Pauw University, 1890.	
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LL. B., Columbian University, 1891.	
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CHARLES S. MCCOY . . . . .	Illinois.
A. B., Franklin College, 1887.	
A. M., Franklin College, 1890.	
LL. B., Columbian University, 1891.	
C. W. MCKAY . . . . .	West Virginia.
H. S. MCKNIGHT . . . . .	West Virginia.
LL. B., Columbian University, 1891.	
CHARLES E. McNABB . . . . .	Maryland.
LL. B., Columbian University, 1891.	

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W.M. B. MATHews . . . . .	West Virginia.
A. M., Waynesburg College, 1889. LL. B., Columbian University, 1891.	
JAMES MAYNARD . . . . .	Tennessee.
LL. B., Columbian University, 1885.	
W. A. MEARNES . . . . .	Pennsylvania.
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HENRY L. PARKER, JR. . . . .	Massachusetts.
LL. B., Columbian University, 1891.	
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LL. B., Columbian University, 1891.	
HENRY W. REED . . . . .	District of Columbia..
LL. B., Columbian University, 1891.	
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LL. B., Columbian University, 1891.	
WM. N. SAYRE . . . . .	Oregon.
LL. B., Columbian University, 1888.	
J. HARRISON SMITH . . . . .	Ohio.
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Ph. B., Albion College, 1887.	
EDWARD W. SPALDING . . . . .	District of Columbia..
LL. B., Columbian University, 1890.	
OTIS D. SWETT . . . . .	Illinois.
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A. B., Dartmouth, 1889.	
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L. PREVOST WHITAKER . . . . .	District of Columbia..
LL. B., Columbian University, 1891.	
GEORGE L. WILKINSON . . . . .	Missouri.
B. S., Columbian University, 1888. LL. B., Columbian University, 1891.	

<i>Name.</i>	<i>Residence.</i>
J. EDWARD WILLIAMS . . . . .	New Hampshire.
LL. B., Columbian University, 1891.	
STEVE W. WILLIAMS . . . . .	South Carolina.
B. S., Furman University, 1885.	
LL. B., Columbian University, 1891.	
J. LOUIS WILLIGE . . . . .	District of Columbia.
LL. B., Georgetown University, 1890.	
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GRADUATE STUDENTS . . . . .	71

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B. S., A. and M. College of Mississippi, 1889.	
J. W. ANDERSON . . . . .	Pennsylvania.
G. C. AUKAM . . . . .	District of Columbia.
EDWARD F. AYERS . . . . .	Connecticut.
A. B., Yale, 1888.	
A. M., Yale, 1890.	
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HENRY P. BLAIR . . . . .	New Hampshire.
A. B., Dartmouth, 1889.	
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C. E., Lehigh, 1888.	
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THADDEUS CAHILL . . . . .	Ohio.
WALTER N. CAMPBELL . . . . .	Michigan.
L. N. CHARLES . . . . .	Indiana.
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WARD B. COE . . . . .	South Carolina.
A. B., College of Charleston, S. C., 1890.	

CHARLES F. CONSAUL . . . . .	Michigan.
ARTHUR COPELAND . . . . .	District of Columbia.
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GEORGE W. DREW . . . . .	District of Columbia.
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B. S., Worcester Polytechnic Institute, 1887.	
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THEODORE C. FENTON . . . . .	Pennsylvania.
Graduate United States Naval Academy.	
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A. I. GARDNER . . . . .	Massachusetts.
B. S., Worcester Polytechnic Institute, 1889.	
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ALEXANDER GRANT . . . . .	Michigan.
J. COLFAX GRANT . . . . .	Minnesota.
B. S., University of Minnesota, 1890.	
CHARLES J. GROSECLOSE . . . . .	Virginia.
A. B., Roanoke College, 1882.	
RAY GUSTIN . . . . .	Pennsylvania.
W. M. HARDCASTLE . . . . .	Maryland.
FREDERICK B. HARTZELL . . . . .	New York.
B. S., Lafayette College, 1890.	
HENRY HAWXHURST . . . . .	District of Columbia.
FRANK HAYDEN . . . . .	West Virginia.
R. HAYDEN . . . . .	West Virginia.
HENRY A. HAYWARD . . . . .	Minnesota.
MELVILLE D. HENSEY . . . . .	District of Columbia.
R. G. HIGDON . . . . .	Kentucky.
D. HIGGINS . . . . .	Utah.
J. A. HIGLEY . . . . .	New York.
A. G. HILL . . . . .	New York.
PERCY B. HILLS . . . . .	District of Columbia.

H. STANLEY HINRICHES . . . . .	District of Columbia.
JAMES C. HOOE . . . . .	Virginia.
HARRY P. HUDDLESON . . . . .	Missouri.
E. HILTON JACKSON . . . . .	Virginia.
A. B., Columbian University, 1891.	
G. SHERMAN JAMES . . . . .	District of Columbia.
H. A. JETMORE . . . . .	Kansas.
WILLIAM JOHNS . . . . .	Minnesota.
ERNEST W. JONES . . . . .	Ohio.
J. FRED. KELLEY . . . . .	District of Columbia.
E. W. KEPNER . . . . .	Illinois.
E. B. KIMBALL . . . . .	District of Columbia.
JOHN E. LASKEY . . . . .	District of Columbia.
F. C. LAWYER . . . . .	District of Columbia.
JESSE B. K. LEE . . . . .	District of Columbia.
WALTER I. LEMBKEY . . . . .	Pennsylvania.
R. L. LERCH . . . . .	Ohio.
W. H. LEWIS . . . . .	New Mexico.
ALVAN MACAULEY . . . . .	West Virginia.
J. B. MACAULEY . . . . .	West Virginia.
A. B., Johns Hopkins, 1888.	
R. L. MADDOX . . . . .	Kentucky.
O. M. MATHER . . . . .	Kentucky.
GEORGE H. MAXWELL . . . . .	New York.
A. B., Syracuse University, 1888.	
A. M., Syracuse University, 1891.	
J. H. McELROY . . . . .	Illinois.
A. M., De Pauw University, 1891.	
W. J. McGAVERN . . . . .	New York.
F. W. McREYNOLDS . . . . .	Indiana.
E. S. MERRILL . . . . .	Maine.
J. BARTON MILLER . . . . .	District of Columbia.
A. E. H. MIDDLETON . . . . .	South Carolina.
F. M. P. MONTAGUE . . . . .	Virginia.
JOHN D. MORGAN . . . . .	Washington.
KOTA NAKAHARA . . . . .	Japan.
EDWARD GRANT NILES . . . . .	District of Columbia.
B. S., Maryland Agricultural College, 1890.	
RICHARD NIXON . . . . .	Louisiana.
J. H. O'BRIEN . . . . .	New York.
G. R. OGDEN . . . . .	District of Columbia.
WHITMAN OSGOOD . . . . .	Illinois.
GEORGE W. OTIS . . . . .	Minnesota.
ROBERT E. PARKER . . . . .	California.
M. C. PATTERSON . . . . .	Tennessee.
B. KENNON PETER . . . . .	District of Columbia.

F. M. PHILLIPS . . . . .	District of Columbia.
SAMUEL N. POND . . . . .	Connecticut.
A. B., Yale, 1889.	
CHARLES BENTON POWER . . . . .	Montana.
A. B., Columbia College, 1891.	
J. C. PRICE . . . . .	District of Columbia.
A. H. PROCTOR . . . . .	District of Columbia.
CHARLES L. PYNE . . . . .	Maine.
FRANK RANDOLPH . . . . .	Wisconsin.
CHARLES A. RHEUTS . . . . .	Indiana.
A. B., Indiana State University, 1889.	
C. R. RICHARDS . . . . .	Massachusetts.
A. B., Boston University, 1888.	
A. L. RICHARDSON . . . . .	District of Columbia.
MARTIN A. RYAN . . . . .	Pennsylvania.
A. J. SALMON . . . . .	Pennsylvania.
A. B., Lafayette College, 1890.	
G. W. SAMPSON . . . . .	New York.
A. B., Adrian College, 1885.	
WILLIAM J. SANDOZ . . . . .	Louisiana.
FRANK H. SHILEY . . . . .	New York.
CARROLL W. SMITH . . . . .	District of Columbia.
J. W. F. SMITH . . . . .	District of Columbia.
LINCOLN B. SMITH . . . . .	Wisconsin.
Ph. B., Beloit College, 1891.	
FABER STEVENSON . . . . .	Ohio.
J. B. SWARTZ . . . . .	Pennsylvania.
J. W. SWARTZ . . . . .	Pennsylvania.
H. L. SWEET . . . . .	Vermont.
T. C. THOMAS . . . . .	Ohio.
E. G. THOMPSON . . . . .	District of Columbia.
R. L. THOMPSON . . . . .	Minnesota.
AUG. B. TOLMAN . . . . .	Massachusetts.
A. F. TOWNER . . . . .	New York.
W. K. TRIMBLE . . . . .	Illinois.
CLARENCE VAN DUZER . . . . .	Nevada.
E. O. WAGENHURST . . . . .	Pennsylvania.
GEORGE H. WALKER . . . . .	Ohio.
FRANK C. WALLACE . . . . .	Virginia.
VICTOR H. WALLACE . . . . .	Georgia.
W. U. WATSON . . . . .	Iowa.
T. S. WHITE . . . . .	Maryland.
WM. H. WILSON . . . . .	West Virginia.
ADOLPHUS G. WOLF . . . . .	District of Columbia.
A. B., Johns Hopkins, 1890.	
A. L. WOOD . . . . .	New Jersey.

NORMAN L. KING . . . . .	District of Columbia.
ARTHUR F. KINNAN . . . . .	Texas.
B. S., Michigan Agricultural College, 1883.	
H. LEE LANDERS . . . . .	Maryland.
FRANK P. LEETCH . . . . .	District of Columbia.
B. P. LEGARÉ . . . . .	South Carolina.
B. S., Hobart College, 1888.	
H. D. LIPSCOMB . . . . .	Tennessee.
J. T. MACEY . . . . .	New York.
WALKER D. MACLEAN . . . . .	Illinois.
A. B., Columbian University, 1891.	
J. T. MANIER . . . . .	Mississippi.
B. S., A. and M. College of Mississippi, 1889.	
W. S. MAPLE . . . . .	Indiana.
T. R. MARTIN . . . . .	District of Columbia.
R. BOWMAN MATTHEWS . . . . .	Louisiana.
MARCUS B. MAY . . . . .	District of Columbia.
CHARLES L. McCAWLEY . . . . .	District of Columbia.
F. G. MAULDIN . . . . .	South Carolina.
Graduate of United States Military Academy, 1890.	
LLOYD T. MEEDS . . . . .	District of Columbia.
GEORGE W. MEIGS . . . . .	District of Columbia.
A. E. MENOCAL . . . . .	District of Columbia.
J. G. MEYERS, JR. . . . .	District of Columbia.
ROBERT F. MILLER . . . . .	District of Columbia.
E. C. MOLBY . . . . .	Michigan.
GEORGE M. MOORE . . . . .	Missouri.
W. L. MOULTON . . . . .	District of Columbia.
CHARLES S. MUIR . . . . .	District of Columbia.
Wm. H. MUZZY . . . . .	District of Columbia.
J. H. O'BRIEN . . . . .	New York.
FRED. O'CONNELL . . . . .	Vermont.
U. G. PERRY . . . . .	Pennsylvania.
W. A. PLESS . . . . .	Tennessee.
J. G. POLLARD . . . . .	Virginia.
J. C. POWELL . . . . .	Maryland.
Ph. B., Yale, 1890.	
JOHN P. PRYOR . . . . .	Texas.
F. U. VON PUTTKAMER . . . . .	Connecticut.
JOHN QUINN . . . . .	Ohio.
HOWARD S. REESIDE . . . . .	Pennsylvania.
EUGENE RHODES . . . . .	Kansas.
E. N. RICHARDS . . . . .	Maryland.
E. S. ROCKWELL . . . . .	New York.
LOUIS A. ROSAFY . . . . .	North Carolina.
W. S. RUCKMAN . . . . .	Michigan.
B. S., University of Michigan, 1887.	

M. E. SABIN . . . . .	Wisconsin.
F. F. SAMS . . . . .	Illinois.
F. H. SANFORD . . . . .	New York.
A. B., Yale, 1889.	
FRED. H. SAUNDERS . . . . .	Ohio.
G. B. M. SCHADMANN . . . . .	Pennsylvania.
A. B., Racine College, 1886.	
A. M., Racine College, 1889.	
JOHN SCRIVENER . . . . .	District of Columbia.
GEORGE H. SHIELDS . . . . .	District of Columbia.
A. B., Princeton, 1891.	
FELIX O. SMITH . . . . .	Vermont.
SAMUEL T. SMITH . . . . .	District of Columbia.
L. F. SPEER . . . . .	Pennsylvania.
W. H. STOUT . . . . .	New York.
HOWARD SUTHERLAND . . . . .	Missouri
A. B., Westminster (Mo.), 1889.	
BERNARD H. TAYLOR . . . . .	Illinois.
DANIEL F. TAYLOR . . . . .	District of Columbia.
L. J. TAYLOR . . . . .	Kentucky.
CORCORAN THOM . . . . .	Maryland.
CHRISTIAN A. TINGWOLD . . . . .	Minnesota.
EDWARD D. TITTMANN . . . . .	Missouri.
WM. S. TORBERT . . . . .	Maryland.
S. BROOKS TOWNES . . . . .	South Carolina.
R. L. UNDERWOOD . . . . .	Illinois.
R. R. VALE . . . . .	Pennsylvania.
K. E. VALENTINE . . . . .	Nebraska.
W. C. VALENTINE . . . . .	Nebraska.
M. M. WARREN . . . . .	Tennessee.
M. A. WATSON . . . . .	California.
W. L. WEBB . . . . .	Maryland.
HARRY WEBER . . . . .	Illinois.
EDGAR V. WERNER . . . . .	Wisconsin.
IRVIN C. WILLIAMS . . . . .	Pennsylvania.
A. B., Ursinus College, 1891.	
H. B. WILSON . . . . .	District of Columbia.
WALTER A. WILSON . . . . .	Ohio.
LELAND N. WOOD . . . . .	New York.
E. A. WRIGHT . . . . .	Pennsylvania.
FRED. A. WRIGHT . . . . .	Massachusetts.
A. B., Amherst, 1884.	
HERBERT WRIGHT . . . . .	Pennsylvania.
M. E., Lehigh, 1890.	
JUNIORS . . . . .	

## SPECIAL STUDENTS IN THE LAW OF PATENTS.

W. L. AUGHINBAUGH . . . . .	District of Columbia.
JOSEPH BECKER . . . . .	District of Columbia.
LL. B., Georgetown University, 1888.	
LL. M., Georgetown University, 1890.	
WM. P. J. CHURCHILL . . . . .	Maine.
WM. R. DAVIS . . . . .	District of Columbia.
JOHN S. DUFFIE . . . . .	District of Columbia.
L. H. HAVERMAN . . . . .	Massachusetts.
JOHN C. HIGDON . . . . .	Missouri.
GEORGE G. HOOVER . . . . .	District of Columbia.
JAMES B. LITTLEWOOD . . . . .	District of Columbia.
JOSEPH LYONS . . . . .	District of Columbia.
R. S. McCALL . . . . .	Missouri.
LL. B., Georgetown University, 1889.	
LL. M., Georgetown University, 1890.	
FRANKLIN MOORE . . . . .	District of Columbia.
C. A. SNOW . . . . .	District of Columbia.
W. X. STEVENS . . . . .	District of Columbia.
WALTER H. WILLS . . . . .	District of Columbia.
GEORGE M. WHITNEY . . . . .	District of Columbia.
FRANCIS M. WRIGHT . . . . .	District of Columbia.
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## STUDENTS OF MEDICINE.

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FRED. ACHENBACK . . . . .	Missouri.
WM. H. BARKSDALE . . . . .	Tennessee.
ASHBY E. BAIN . . . . .	Texas.
MAY D. BAKER . . . . .	Kansas.
GROVE S. BEARDSLEY, JR. . . . .	New York.
WALTER K. BEATTY . . . . .	District of Columbia.
WM. F. BEER . . . . .	Utah.
LOUISA M. BLAKE . . . . .	New Jersey.
FRED. M. BOGAN . . . . .	District of Columbia.
ARCHIE W. BOSWELL . . . . .	District of Columbia.
FRANK C. BOYLE . . . . .	District of Columbia.
FANNIE C. BREWER . . . . .	Maryland.
ISAAC W. BREWER . . . . .	New York.
JOHN E. BROOKS . . . . .	Ohio.
MARY A. BROSIUS . . . . .	Pennsylvania.
WM. C. BUCK, A. M. . . . .	New Hampshire.
ARTHUR BUCHANAN . . . . .	New Jersey
WM. T. BURCH . . . . .	District of Columbia.
BERNARD BUNNEMEYER . . . . .	District of Columbia.
EDWARD W. BYRN . . . . .	District of Columbia.
A. M., Dickinson College, 1870.	
WM. A. CALDWELL . . . . .	West Virginia.
THOMAS C. CATCHINGS, JR. . . . .	Mississippi.
JAMES R. CHURCH . . . . .	District of Columbia.
A. B., Princeton, 1888.	
PRICE C. CLAFLIN . . . . .	District of Columbia.
JOHN E. CLARKE, LL. M. . . . .	District of Columbia.
EDWARD J. COLLINS . . . . .	Minnesota.
EDGAR F. CONANT . . . . .	Maine.
A. B., Bowdoin College, 1890.	
MARTHA E. CONKLIN . . . . .	New York.
SAMUEL C. COX . . . . .	District of Columbia.
STUART CROCKETT . . . . .	District of Columbia.
WM. G. CROUNSE . . . . .	Nebraska.
BETTIE S. CRUSH . . . . .	Virginia.
ELLEN L. CUDLIP . . . . .	Pennsylvania.
JOHN M. CUNNINGHAM . . . . .	Illinois.
ROBERT A. DANIEL . . . . .	District of Columbia.
AUSTIN A. DARRAH . . . . .	Rhode Island.
EDWARD Y. DAVIDSON . . . . .	Virginia.
WM. E. DAVIS . . . . .	Maryland.
JOSEPH C. DAVISON . . . . .	New Jersey.
EMIL A. DE SCHWEINITZ, A. M., PH. D. . . . .	North Carolina.

HENRY J. DECKER . . . . .	New York.
HENRY M. DIXON . . . . .	Mississippi.
JAMES F. DOUGLAS . . . . .	California.
MIDDLETON S. ELLIOTT . . . . .	South Carolina.
RUDOLF H. EZDORF . . . . .	Pennsylvania.
ROBERT C. FALLS . . . . .	Virginia.
W. ASHBY FRANKLAND . . . . .	Virginia.
N. EVANS FUGITT . . . . .	Maryland.
ALBERT S. GATSCHET . . . . .	District of Columbia.
RICHARD M. GEDDINGS . . . . .	South Carolina.
MONTGOMERY GIBSON . . . . .	Louisiana.
ORANGE C. GILLILAND . . . . .	Illinois.
MARY E. GRAVES . . . . .	District of Columbia.
THOMAS J. GRIFFITH . . . . .	Arkansas.
M. D., University of Louisville (Ky.), 1873.	
THOMAS A. GRIFFIN . . . . .	Virginia.
JOHN W. GUE . . . . .	Illinois.
FRANCIS R. HAGNER . . . . .	District of Columbia.
JAMES R. HAMILTON . . . . .	Texas.
CORNELIUS A. HARPER . . . . .	Wisconsin.
WALLACE C. HARRY . . . . .	District of Columbia.
HENRY M. HAYNES . . . . .	Texas.
GEORGE B. HEINECKE . . . . .	Illinois.
JOHN H. HESS . . . . .	Indiana.
D. D. S., Indiana Dental College, 1890.	
JOHN W. HIGDON, JR. . . . .	District of Columbia.
CHARLES J. HOPKINS . . . . .	District of Columbia.
WM. T. HORD . . . . .	Kentucky.
DEANE C. HOWARD . . . . .	Massachusetts.
HARRY W. HOWELL . . . . .	New Jersey.
THEODORE Y. HULL . . . . .	Missouri.
B. S., Amity College, 1884.	
VIRGIL B. JACKSON . . . . .	Virginia.
PHILIP JAISOHN . . . . .	Pennsylvania.
LINCOLN JOHNSON . . . . .	New York.
FLORENCE L. JONES . . . . .	South Carolina.
FRED. F. JONES . . . . .	Ohio.
RICHARD H. JONES . . . . .	Alabama.
JAMES T. JONES . . . . .	District of Columbia.
LLEWELLYN JORDAN . . . . .	Mississippi.
CAROLYN I. KEIFE . . . . .	Massachusetts.
ULYSES S. G. KELLER . . . . .	Pennsylvania.
B. S., Pennsylvania State College, 1889.	
CASSIUS M. KETCHAM . . . . .	Missouri.
WM. A. KINNAN . . . . .	Michigan.
B. S., Michigan State Agricultural College, 1887.	

HERBERT D. KNAPP . . . . .	Michigan.
VAN BUREN KNOTT . . . . .	Iowa.
Alice K. Koogle . . . . .	Ohio.
B. S., Ohio University, 1890.	
JOHN LOUIS KRICK . . . . .	Ohio.
M. MARSHALL LANGHORNE . . . . .	District of Columbia.
MARY A. LAW . . . . .	Kansas.
GEORGE W. LEADLEY . . . . .	New York.
MATTHEW O'R. LOVEAIRE . . . . .	District of Columbia.
KATE E. LOZIER . . . . .	Connecticut.
J. JULIUS LUND . . . . .	Illinois.
JOHN A. McAfee . . . . .	Texas.
ANITA NEWCOMB McGEE . . . . .	District of Columbia.
JAMES S. McILHENNY . . . . .	District of Columbia.
GEORGE N. MCLOUGHLIN . . . . .	Tennessee.
EATON K. MCNEIL . . . . .	Tennessee.
WM. A. MARTIN . . . . .	Illinois.
SHERMAN D. MAYNARD . . . . .	New York.
B. S., Cornell University, 1891.	
CHARLES MINDELEFF . . . . .	District of Columbia.
FAYETTE H. MONTGOMERY . . . . .	Kentucky.
JOHN W. MORGAN, JR. . . . .	District of Columbia.
EDWARD E. MORSE . . . . .	Maine.
FRANCIS M. NESMITH . . . . .	New York.
JAMES R. NEVITT . . . . .	Virginia.
SOPHIE A. NORDHOFF . . . . .	Germany.
THEODORE E. OERTEL . . . . .	Rhode Island.
RICHARD F. O'NEIL . . . . .	District of Columbia.
HERBERT W. PORTER . . . . .	Connecticut.
MARGARET S. POTTER . . . . .	Pennsylvania.
GEORGE T. PREWITT . . . . .	Texas.
CLARENCE G. PROBERT . . . . .	Ohio.
IRVING W. RAND . . . . .	Arkansas.
ARTHUR C. RAUTERBERG . . . . .	District of Columbia.
FRED. A. READ . . . . .	New Hampshire.
JOSEPH O. REED . . . . .	Massachusetts.
DELOS N. REEVE . . . . .	Iowa.
JOHN L. REID . . . . .	District of Columbia.
D. D. S., Columbian University Dental School, 1890.	
THEODORE W. RICHARDS . . . . .	District of Columbia.
JONATHAN H. RINDLAUB . . . . .	Wisconsin.
CHARLES E. ROBERTS . . . . .	Virginia.
HARRY W. ROLLINGS . . . . .	District of Columbia.
EDWARD G. SEIBERT, Ph. G. . . . .	Pennsylvania.
NELLIE H. SHIPMAN . . . . .	Ohio.
PERCY G. SMITH, Ph. G. . . . .	Maryland.

HOMER L. SPAULDING . . . . .	Kansas.
LEMUEL J. STANTON . . . . .	Iowa.
MARY C. STANTON . . . . .	Iowa.
JOHN W. STEARNS . . . . .	South Carolina.
JAMES STUART . . . . .	South Carolina.
A. B., College of Charleston, 1886.	
MILO H. SUTLIFF . . . . .	Ohio.
OLIVER A. T. SWAIN . . . . .	Massachusetts.
EDWARD S. TENNENT . . . . .	South Carolina.
JOHN THOMPSON . . . . .	District of Columbia.
JULIA THOMPSON . . . . .	Indiana.
FRED. S. TOWLE . . . . .	Massachusetts.
HERBERT S. TOWN . . . . .	Wisconsin.
ROBERT D. TUCKER . . . . .	Virginia.
A. M., Richmond College, 1887.	
RAFAEL URTECHO . . . . .	Nicaragua.
DENNY S. VERDI . . . . .	District of Columbia.
OTTO VOSS . . . . .	Louisiana.
ROBERT S. WAGNER . . . . .	Pennsylvania.
WM. S. WASHBURN . . . . .	New York.
LL. B., National University, 1889.	
LL. M., National University, 1890.	
RICHARD WASHINGTON . . . . .	District of Columbia.
ROBERT D. WEAVER . . . . .	District of Columbia.
PAUL L. WEBB . . . . .	District of Columbia.
THOMAS A. WHITTINGTON . . . . .	Nebraska.
WALTER M. WOOSTER . . . . .	District of Columbia.
MARGARET M. YORK . . . . .	Louisiana.
CHARLES L. YOUNG . . . . .	Pennsylvania.
JOHN P. YOUNG . . . . .	South Carolina.
A. B., Furman University, 1890.	
CHARLES ST. V. ZIMMERMAN . . . . .	District of Columbia.
STUDENTS OF MEDICINE . . . . .	151

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### STUDENTS OF DENTISTRY.

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CHARLES W. APPLER . . . . .	Maryland.
CHESTER H. BEATTY . . . . .	District of Columbia.
JOHN W. BENNETT . . . . .	District of Columbia.
JOHN H. BURCH . . . . .	District of Columbia.
WM. L. CLARK . . . . .	District of Columbia.
WM. N. COGAN . . . . .	District of Columbia.
JOSEPH COHEN . . . . .	Texas.
HAMILTON DIMICK . . . . .	Alabama.

JOHN H. GALLOWAY . . . . .	Iowa.
AVEDISS B. HERALD . . . . .	Turkey in Asia Minor.
SAMUEL A. HOOPER . . . . .	Canada.
J. EVERETT KEENE . . . . .	District of Columbia.
HUBERT L. KING . . . . .	District of Columbia.
WALTER A. LOW . . . . .	District of Columbia.
WM. A. LYON . . . . .	Kansas.
HUGH H. McCALL . . . . .	Alabama.
HERBERT MACNAMEE . . . . .	New York.
WM. C. MASON . . . . .	Indiana.
STEPHEN C. MILLER . . . . .	Minnesota.
M. D., Medical Department Columbian University, 1884. Phar. D., Howard University, 1888.	
HARRY B. MOORE . . . . .	District of Columbia.
ROBERT L. NALL . . . . .	Kentucky.
FREDERICK W. PARKER . . . . .	New York.
THOMAS S. PARKS . . . . .	Illinois.
CHARLES L. PATE . . . . .	District of Columbia.
WM. K. PETTY . . . . .	District of Columbia.
N. WILLIS POMEROY . . . . .	District of Columbia.
ALVA SIGEL ROUSH . . . . .	Ohio.
A. M., Ohio University, 1884. M. D., Medical College of Ohio, 1887. M. D., St. Bartholomew's, London, 1889.	
THOMAS GUY SONGSTER . . . . .	District of Columbia.
WINES E. THORNTON . . . . .	Vermont.
GEORGE H. TOWNSEND . . . . .	Virginia.
CARL TREDE, M. D. . . . .	Germany.
CHARLES S. WICKLIN . . . . .	Iowa.
GEORGE W. WOOD . . . . .	District of Columbia.
STUDENTS OF DENTISTRY . . . . .	33

STUDENTS IN THE COLUMBIAN COLLEGE  
AND THE  
CORCORAN SCIENTIFIC SCHOOL.

## ABBREVIATIONS.

A. C.—Analytical Chemistry.	L.—Latin.
ANTH.—Anthropology.	M.—Mathematics.
ARCH. DR.—Architectural Drawing.	MECH. DR.—Mechanical Drawing.
AS.—Assaying.	MET.—Meteorology.
AST.—Astronomy.	MIN.—Mineralogy.
B.—Botany.	N. S.—Natural Science.
B'P.—Blowpipe.	PHIL.—Philosophy.
C.—Chemistry.	P.—Physiology.
C. E.—Civil Engineering.	PHYS.—Physics.
E.—Engiish.	PSY.—Psychology.
F.—French.	TOP. DR.—Topographical Drawing.
Geol.—Geology.	Z.—Zoology.
GER.—German.	
G.—Greek.	

## STUDENTS IN THE COLUMBIAN COLLEGE.

R. M. ALDEN . . . . .	D. C. . . . .	E., G., L., Ger., F., N. S.
B. K. ASHFORD . . . . .	D. C. . . . .	E., G., L., Ger., F., M.
EDW. P. BAILEY . . . . .	D. C. . . . .	E., G., L., Ger., F., M.
MISS EMMA BETTES . . . . .	Mass. . . . .	Ger.
WM. K. BLACKFORD . . . . .	D. C. . . . .	E., L., Ger., F., M., N. S., Phil.
WHEELER BOGESS . . . . .	D. C. . . . .	G., N. S.
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CHAS. G. COGLEY . . . . .	D. C. . . . .	E., G., L., Ger., F., M., N. S., Phil.
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MISS E. CONDIT . . . . .	D. C. . . . .	E., Ger., N. S.
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MISS MARY V. FENWICK . . . . .	D. C. . . . .	E., Ger., F., M., N. S.
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S. C. FORD . . . . .	D. C. . . . .	E., L., Ger., F., M., N. S., Phil.

N. EVANS FUGITT . . . . .	Md.	E., G., L., Ger., F., Phil.
J. HOLDSWORTH GORDON, JR . . . . .	D.C.	E., Ger., F., M., N.S.
WINTROP D. GREEN . . . . .	D.C.	G., L., Ger., F., M., N.S.
W. W. GRIER . . . . .	D.C.	E., G., L., Ger., F., M., N.S.
MORTIMER B. HALL . . . . .	Md.	E., Ger., F., M., N.S.
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Rev. W. H. HUBBARD . . . . .	Va.	E., N.S., Phil.
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J. SCOTT JOHNSON . . . . .	D.C.	E., G., L., Ger., F., M., N.S., Phil.
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Miss HESTER E. McNELLY . . . . .	D.C.	E., Ger., F., M., N.S.
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Miss SARAH MASON . . . . .	D.C.	E., Ger., F., M., N.S., Phil.
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SINGLETON OUTHWAITE . . . . .	D.C.	E., G., L., Ger., F., M.
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MORVEN THOMPSON . . . . .	D.C. . . . .	E., L., Ger., M., N. S.
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S. BROOKE TOWNES . . . . .	S. C. . . . .	E., L., Ger., F., Phil.
A. C. WILSON . . . . .	W.Va. . . . .	E., G., L., Ger., F., M., N. S.
A. L. WILSON . . . . .	W.Va. . . . .	E., G., L., Ger., F., M., N. S.
T. D. WILSON, JR. . . . .	D.C. . . . .	E., F., M., N. S.
Miss LILLIAN B. YOUNG . . . . .	D.C. . . . .	E., Ger., F., M., N. S.

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EDWARD BIDDLE . . . . .	Dist. of Col. . . . .	Ast.
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F. G. BOLLES . . . . .	Wisconsin . . . . .	Phys.
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WM. J. CRONIN . . . . .	Rhode Island . . . . .	E.
BART DALY . . . . .	New York . . . . .	Min.
B. S., Columbian University, 1891.		
C. D. DAVIS . . . . .	Dist. of Col. . . . .	C., Phys., Mechs.
H. J. DAVIS . . . . .	Ohio . . . . .	{ M., C. E., F., Ger., Phys., Ast., Arch. and Mech. Dr.

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B. H. DORCY . . . . .	Oregon . . . . .	C., E., M., F., Ger.
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J. M. FAIRLY . . . . .	Mississippi . . . . .	M., Top. Dr.
W. F. FAULKNER . . . . .	Mississippi . . . . .	M.
EDW. T. FENWICK . . . . .	Dist. of Col. . . . .	C., Phys.
LL. B., Columbian University, 1890.		
PAUL FINCKEL . . . . .	Dist. of Col. . . . .	E., M., Phys., Ast.
J. L. FUELLING . . . . .	Dist. of Col. . . . .	E., M., F., Ger., Phys., Mech. Dr.
W.M. F. GEIGER . . . . .	Dist. of Col. . . . .	Mech. Dr.
J. N. GIBBS . . . . .	Virginia . . . . .	{ M., C. E., Phys., Mech., and Top. Dr.
FRANK S. GIBSON . . . . .	Virginia . . . . .	M., Mech. Dr.
W. A. GLASSFORD . . . . .	Missouri . . . . .	Phys.
GEORGE O. GLAVIS, JR. . . . .	New York . . . . .	M., Top. Dr.
W. W. GRAYSON . . . . .	Virginia . . . . .	E.
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WM. G. GRIFFIN . . . . .	Dist. of Col. . . . .	E., M., F., Phys., Mech. Dr.
Miss S. B. GULICK . . . . .	Dist. of Col. . . . .	Phys.
Miss ELLA G. HAINES . . . . .	Dist. of Col. . . . .	E.
F. S. HARDESTY . . . . .	West Virginia . . . . .	A. C.
Miss N. S. V. HARRISON . . . . .	Virginia . . . . .	Ger.
F. W. HART . . . . .	Dist. of Col. . . . .	M., C.E., F., Ger., Phys., Top. Dr.
H. H. HAWLING . . . . .	Dist. of Col. . . . .	A. C.
WILBER HAWXHURST . . . . .	Dist. of Col. . . . .	M.
J. H. HIMES . . . . .	Missouri . . . . .	M.
W. B. HINDMARSH . . . . .	Dist. of Col. . . . .	M.
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S. H. HOLLINGSWORTH . . . . .	Virginia . . . . .	E., M., F., C.E., Phys., Mech. Dr.
M. D., National University, 1886.		
LEIGHTON HOPE . . . . .	Michigan . . . . .	M.
E. S. HOWLAND . . . . .	Mississippi . . . . .	M.
H. M. JOHNSON . . . . .	Dist. of Col. . . . .	A. C., M., Phys.
J. SCOTT JOHNSON . . . . .	Dist. of Col. . . . .	
C. C. JONES . . . . .	Virginia . . . . .	{ C. E., F., Phys., Arch., Mech. and Top. Dr.
COPELAND P. JONES . . . . .	Dist. of Col. . . . .	C., M., F., Phys., Mech. Dr.
Miss HATTIE G. JONES . . . . .	New York . . . . .	M., Arch. Dr.
H. C. JORDAN . . . . .	Michigan . . . . .	Phys.
EDMUND JUSSEN, Ph. D. . . . .	Illinois . . . . .	A. C.

W. H. KERR . . . . .	Dist. of Col. . . M.
W. M. LAMSON . . . . .	Dist. of Col. . . M., F., Ger., C. E., Mech. Dr.
S. A. LAYMAN . . . . .	Maryland . . . M., Phys.
MISS LILLIE LEARNED . . . . .	Dist. of Col. . . Mech. Dr.
EUGENE LEGER . . . . .	Mississippi . . . { C., M., Phys., Mechs., Ast., Mech. Dr.
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FRANK P. MADEIRA . . . . .	West Virginia . . M.
FRANK MAUNSELL . . . . .	Dist. of Col. . . E., M., F., Mech. Dr.
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J. G. MUIR . . . . .	Dist. of Col. . . F.
J. K. NEWMAN . . . . .	Maryland . . . M.
C. C. J. NORRIS . . . . .	Illinois . . . Arch. Dr. C. E., Columbian University, 1891.
MISS HILDA NORTH . . . . .	Dist. of Col. . . C. E.
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W. M. PROBASCO . . . . .	Dist. of Col. . . M., Phys.
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C. E. REGENNAS . . . . .	Dist. of Col. . . C., M., F., Ger., Phys.
LOUIS A. REINBURG . . . . .	Dist. of Col. . . Mech. Dr.

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O. J. SCHNEIDER . . . . .	Wisconsin . . .	A. C., M.
ANDREW J. SCHWARTZ . . . . .	West Virginia . .	M., Top. Dr.
HARRY SELLHAUSEN . . . . .	Dist. of Col.	C., M., Mech. Dr.
Wm. S. SHEETS . . . . .	Dist. of Col.	C., E., M., F., Phys., Top. Dr.
EARNEST A. SHORT . . . . .	Dist. of Col.	M., Arch. Dr.
Wm. W. SLATE . . . . .	Vermont . . .	C.
F. McC. SMITH . . . . .	California . . .	C., M., Phys.
ROBERT STEIN . . . . .	Maryland . . .	Surv., Top. Dr.
P. E. STEVENS . . . . .	Dist. of Col.	{ M., C. E., F., Ger., Phys., Mech. Dr.
G. W. STRONG . . . . .	Dist. of Col.	M.
J. A. SUTHERLAND . . . . .	Dist. of Col.	E., M., Ger., Surv.
H. B. SWARINGEN . . . . .	Alabama . . .	M., C. E.
A. B. Kenyon College, 1888.		
V. C. TASKER . . . . .	Dist. of Col.	M.
B. O. TAYLOE . . . . .	Dist. of Col.	A. C.
A. A. TAYLOR . . . . .	Ohio . . .	E.
C. W. TAYLOR . . . . .	Ohio . . .	M.
E. L. THURSTON . . . . .	Dist. of Col.	{ E., C. E., F., Ger., Mech. and Top. Dr.
J. H. WALCUTT . . . . .	Dist. of Col.	E.
A. M. WALKER . . . . .	Dist. of Col.	Min., Mech. Dr.
P. G. WALLMO . . . . .	Connecticut . .	{ E., M., C. E., Phys., Ger., Mech. Dr.
AUGUSTUS WEDDERBURN . . . . .	Dist. of Col.	A. C.
STUDENTS IN THE CORCORAN SCIENTIFIC SCHOOL . . . . .		139

## RECAPITULATION.

Students of Law . . . . .	381
Students of Medicine . . . . .	151
Students of Dentistry . . . . .	33
Students in Arts and Sciences . . . . .	214
Aggregate . . . . .	779
Students in the Preparatory School . . . . .	102
Total . . . . .	881

## The Law School.

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The Law School of the Columbian University is held in the University Building, situated on the southeast corner of Fifteenth and H streets.

### ADMISSION.

The course of study is adapted to graduates of colleges and to any who have attained a competent discipline of their mental powers. No one is admitted as a candidate for graduation in the Senior Class who has not spent one year either at this or some other Law School, or performed a corresponding amount of study under some approved attorney.

### MATRICULATION.

No fee is charged for Matriculation, but at least one month's tuition must be paid in advance on registration. The register will be open for the enrollment of students on the first day of September. Seats in the Lecture Hall will be assigned to students in the order of their registration, but seats so assigned will be forfeited on the non-payment of monthly dues.

### SESSIONS.

The entire course of study in the undergraduate department embraces two years. The annual session begins on the first Wednesday of October and ends on the Tuesday next before the second Wednesday in June. The exercises of the School begin daily at 6 o'clock P. M., giving to the student the entire day for study, for reading in the public libraries and for attending the several courts of the Capital, and at the same time enabling young men engaged in office duties to avail themselves of the facilities of the School.

## COURSE OF INSTRUCTION.

The School has three classes, a Junior and a Senior in the undergraduate department, and a Graduate Class in Practice.

*Junior Class.*

PROF. COX.

(Associate Justice of the Supreme Court of the District of Columbia.)

The instructor of the Junior Class, aiming to secure for his pupils as thorough and accurate a knowledge of the law of *real and personal property*, of *contracts*, and of *crimes and misdemeanors*, as it is possible for them to attain within the brief period of a scholastic year, places in their hands, successively, *Blackstone's Commentaries*, *Kent's Commentaries*, *Parsons on Contracts*, and *Byles on Bills*, as text-books, to be carefully read and studied. He meets the class on Tuesday, Thursday and Saturday of each week. For each meeting a lesson of moderate length is assigned, and the lesson for the evening forms the subject of his lecture. In his lecture he reviews, illustrates and simplifies, as far as he can, the teachings of the lesson, shows how far, and in what particulars, the law contained in it has been repealed or modified, either by English or American statutes, or by the American common law; and tries to remove the doubt and uncertainties that are apt to trouble and perplex those entering for the first time upon the study of law. And to insure a careful reading of the lesson and proper attention to his lecture, he, at the close of the latter, questions the class upon the important points of each, and, by his catechetical analysis, reproduces and impresses upon the memories of his pupils the teaching of both lesson and lecture.

## LECTURES ON DOMESTIC RELATIONS, ON COMMERCIAL PAPER AND ON TORTS.

PROFESSOR HARLAN.

(Associate Justice of the Supreme Court of the United States.)

Under these several heads Mr. Justice Harlan gives a detailed exposition of the legal principles governing each as considered in connection with leading cases and rules of procedure. This course extends through the whole scholastic year.

*The Senior Class.*

PROF. MAURY.

(Assistant Attorney-General of the United States.)

The students of the Senior Class meet the Professor charged with their special instruction on Monday, Wednesday, and Friday of each week, and while pursuing the special studies of the Senior course are required to go a second time through the course of the Junior year, that they may be thoroughly grounded in the law of real and personal property and of contracts.

The special studies of the Senior year begin with Common Law Pleading, in which *Stephen on Pleading*, as edited by Tyler, is used as the text-book of the class. Next follow instructions on the Law of Evidence, with the first volume of *Greenleaf on Evidence* as a manual. To these succeed instructions in Equity Jurisprudence and Equity Pleading and Practice—*Smith's Manual of Equity* and *Mitford and Tyler's Pleadings and Practice in Equity* being the text-books used under these heads. The closing part of the course is occupied with the *Law of Partnership* considered in itself and in its relations to remedies afforded in Courts of Equity. And, because of their especial character, lectures are given on the remedies, Ejectments, Quo Warranto, Scire Facias, and Mandamus, as also lectures, by way of review, on Pleading and on Evidence, delivered at the close of the whole course.

The method of instruction pursued in this class is as follows: A lesson comprising a certain number of pages in the text-book is assigned to the class, and on the subject-matter of this lesson the Professor, at his next meeting, lectures according to the requirements of the case. At the next meeting he examines the class on the text and lecture of the preceding meeting, using for this purpose carefully-written questions, and calling up indiscriminately the members of the class. In this way the students are trained to reproduce with readiness and accuracy the principles they have learned both from the text-books and the lectures of the Professor.

## LECTURES ON CONSTITUTIONAL LAW.

PROFESSOR HARLAN.

(Associate Justice of the Supreme Court of the United States.)

A course of Lectures on the Constitution of the United States, extending through the whole of each scholastic year, is delivered by Mr. Justice HARLAN, of the Supreme Court of the United States.

In this course the Student is first made acquainted with the principles of Constitutional Law which had been established in England at the time our Government was organized, as well as with the history of the origin and formation of the Constitution of the United States. It is sought to show how far the Constitution, in its underlying principles, was an orderly and progressive evolution of political ideas in the British race, and how far, in its special structure and provisions, it was a new creation adapted by its framers to the conditions and wants of the American States and people at the date of its formation. Next follows an examination of each separate clause of the Constitution, with a discussion of the leading adjudications which show how each clause of the instrument has been interpreted by the courts, especially by the Supreme Court of the United States.

These Lectures are delivered every Saturday and are open to both the graduate and undergraduate classes of the School.

## LAW OF CORPORATIONS.

PROFESSOR BREWER.

(Associate Justice of the Supreme Court of the United States.)

Because of the great development which the Law of Corporations has received in the jurisprudence and economics of modern society, an extensive course of Lectures is delivered by the Hon. DAVID J. BREWER, LL. D., Associate Justice of the Supreme Court of the United States, in which the fundamental principles of this branch of law, according to its latest adjudications, are expounded in the matter of both private and municipal corporations.

The Lectures are open to all the classes.

### INTERNATIONAL LAW.

PROFESSOR WELLING.

After a discussion of International Law in its nature, foundation, and distinctive quality, as exhibited in its genetic ideas and in the laws of its historical growth, it is sought to give a brief exposition of the fundamental principles which constitute the body of this supreme jurisprudence, with their most important applications alike to the conduct of nations and the conduct of individuals.

These Lectures are open to both the graduate and the undergraduate classes of the School.

### LECTURES ON THE CIVIL LAW.

The Hon. EDWARD EDMUND BERMUDEZ, LL. D., Chief Justice of the Supreme Court of Louisiana, has been invited to deliver a special course of Lectures on the Civil Law, and has consented to do so whenever his official engagements shall permit him to visit Washington for that purpose. In the absence of Chief Justice Bermudez the course will be delivered by Professor G. H. EMMOTT, Professor of Comparative Jurisprudence in the Johns Hopkins University.

### LAW OF PATENTS.

PROFESSOR SIMONDS.

The Hon. WILLIAM E. SIMONDS, U. S. Commissioner of Patents, delivers a course of lectures on the Law of Patents, in which, after tracing the origin and growth of our Federal Patent system, he discusses as far as practicable the nature of Patent Property and the general nature of Patent Practice considered in its special modes of procedure.

### LIBRARY AND READING-ROOM.

A Law Library, comprising the works of standard text-writers, the British and American Reports, books of reference, etc., is open for purposes of study and consultation daily from 9 o'clock A. M. to 10 o'clock P. M. Attached to the Library is a reading-room, supplied with Law Reviews and Law Periodicals, as well as with other leading reviews and periodicals in science and literature.

### SOCIETIES FOR LEGAL DEBATE AND STUDY.

A Debating Society is organized by students of the School for purposes of investigation, discussion, and practice in

parliamentary law. This Society holds public exercises under the auspices of the University at the close of each scholastic year. Special classes ("Quiz clubs") are also formed for purposes of associated study.

#### SPECIAL FACILITIES.

The City of Washington furnishes special facilities to the law student. The Law Library of Congress and of the United States Supreme Court, comprising the largest collection of law books in the country, is open to all who wish to examine any authority or to take notes from any book of reference in ancient or modern jurisprudence. The different methods of judicial procedure can here be studied not only in the Common Law Courts and Federal Courts of the District of Columbia, but also in the Court of Claims and in the Supreme Court of the United States. The Patent Laws, the Land Laws, and the Pension Laws of the United States are here administered in the Executive Bureaus of the Government.

#### EXAMINATION AND GRADUATION.

All candidates for graduation are required to pass a general examination, at the end of the course, on all the studies of the two years; in the presence of the Faculty and of such committee as the Trustees of the University may appoint. This examination is conducted upon printed questions, which are answered by each student in writing.

The degree of Bachelor of Laws is granted to students who, having passed both years of the prescribed course in the School, or who, on presenting credentials of equivalent study for the first year in some law college or office, and passing the second year in the School, shall sustain a satisfactory examination in all the studies of both the Junior and Senior classes.

The time spent in the Law School of the University is counted as part of the period of study required for admission to the bar of the Supreme Court of the District of Columbia.

#### PRIZES.

A prize of \$100, called "The Parker Prize," in honor of its donor, Myron M. Parker, Esq., is awarded to the student who passes in each year the best examination for the degree of Bachelor of Laws.

A prize of \$50, called "The Britton Prize," in honor of its

founder, Alexander T. Britton, Esq., is awarded to the student who passes in each year the best examination for the degree of Master of Laws.

Three prizes, one of \$40, one of \$30, and one of \$20, are annually given to the respective authors of the best three essays among all those handed in by such members of the Senior Class as shall compete for them and shall pass a successful examination for the degree of Bachelor of Laws.

Two prizes for excellence in debate are awarded by the Debating Society.

#### PRIZE-MEN IN 1890-91.

Parker Prize, FREDERIC CARRAGAN, of New Jersey.

Britton Prize, EDWARD S. HOSMER, of Maryland.

First-Essay Prize, ISAAC FROHMAN, of California.

Second-Essay Prize, THOS. A. WITHERSPOON, of Tennessee.

Third-Essay Prize, FRANK C. TOWNSEND, of the District of Columbia.

First Debater's Prize, AMBROSE F. DUDLEY, of Kentucky.

Second Debater's Prize, WILLIAM H. STOVALL, of Tennessee.

In the award of the Parker Prize, J. BRADLEY TANNER, of New York; A. D. ANDREWS, of New York; N. LANDON BURCHELL, of the District of Columbia, and Z. D. PATTERSON, of Michigan; and in the award of the Britton Prize, HARRY ENGLISH, of Maryland; JAS. T. GIBBS, of Kentucky, and ARTHUR L. BRYANT, of the District of Columbia, received Honorable Mention.

#### COMMENCEMENT.

The degrees are publicly conferred, and the prizes delivered at the annual commencement of the Law Department, when, in connection with other appropriate exercises, an address is delivered to the graduating class by an eminent member of the bar whom they and the Faculty may have selected for that purpose.

#### EXPENSES.

The entire charge for tuition, lectures, and all the facilities of the School is *eighty dollars* for a single year, or *one hundred and fifty dollars* for two scholastic years, payable in advance, half yearly, or in monthly installments, at the option of students. Students who devote three years or

more to the preparation for graduation may have this privilege by the payment of *two hundred dollars* for the entire course. If a student shall, for any cause, intermit the studies of either his first or his second year at any point before graduation, the payments he may have made during either or both of these years will not work exemption from the regular monthly dues of any subsequent year on which he may attend the School; but it shall always be open to him to profit by the benefits of the three years' rule. A charge of *two dollars* is made for diplomas.

Students from abroad can secure Board at reasonable prices.

Graduates of the School are admitted to all lectures of the undergraduate course in subsequent years without charge.

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#### GRADUATE COURSE IN PRACTICE.

The Graduate course of instruction in Common Law Practice and in Equity Pleadings and Practice, designed to show the application of the principles of law to the transaction of business life and to the actual proceedings of courts is conducted by Professors MAURY, DAVIS and JOHNSON, as a supplement to the undergraduate course of the Law School.

In the Common Law Branch the students use, under the direction of Prof. DAVIS, a work on Practice prepared by Professor Cox, after which they are exercised in the conduct and trial of causes, and thus taught to apply their theoretical learning in pleadings, practice, and evidence. In connection with this course it is intended that they shall also study some such work as *Archbold's Law of Nisi Prius*. During more than half the term the exercises are those of a *Nisi Prius* Moot Court, presided over by Professor WILLIAM G. JOHNSON, LL. M., a member of the Washington bar, and a graduate of the Columbian University Law School.

In the Equity Branch the students are instructed by Professor MAURY in the general principles of equity pleadings, and in the mode of conducting an equity case. The text-book employed will be *Mitford and Tyler's Equity Pleading and Practice*.

In addition to the instruction in legal and equitable procedure, Professor MAURY delivers a special course of lectures

on the jurisdiction, practice, and peculiar jurisprudence of the Courts of the United States.

Candidates for admission to the Graduate course are required to furnish evidence that they have been diligent and successful students of law for the term of two years. Diplomas of respectable law schools, certifying that their holders have been graduated after such a term of study, will be received as evidence of qualification for admission to the course. At the end of the course all such students who shall sustain a satisfactory examination in its instructions and exercises will be entitled to a diploma admitting them to the degree of Master of Laws. Students who have pursued a two years' term of study in a lawyer's office will also be admitted to the course, on presenting a certificate of the fact from a lawyer under whose direction they may have studied; but such students, if aspiring to the degree of Master of Laws, will be required, as a condition of receiving it, to sustain a satisfactory examination for the degree of Bachelor of Laws as well as for the degree of Master of Laws.

The tuition fee for this course, covering a period of nine months, is *twenty-five dollars*. It does not carry with it the privilege of attending the Lectures of the undergraduate course, except in the case of students who are graduates of the School.

#### LECTURES ON CRIMINAL LAW AND PROCEDURE.

The Hon. ANDREW C. BRADLEY, Associate Justice of the Supreme Court of the District of Columbia, delivers a series of Lectures on Criminal Law and Criminal Procedure. These lectures will be supplementary to the fourth book of Blackstone, and will show to what extent the principles, in regard to public wrongs, laid down by Blackstone are applicable in this country at the present day, and will treat particularly of other principles and of offences which are either not discussed by Blackstone, or do not receive from him the attention which their importance in later times requires.

The Lectures upon Criminal Procedure will treat of pleading and practice in criminal cases, and in discussing the procedure at the trial of criminal cases the difference between criminal and civil practice in regard to the rules of evidence will be pointed out.

The Course is open to all the classes of the School.

## LECTURES ON LEGAL BIBLIOGRAPHY.

The Hon. AUGUSTUS S. WORTHINGTON, sometime U. S. District Attorney for the District of Columbia, delivers a short course of lectures on the comparative value of various English and American reports, and on the use of authorities in court.

The Course is open to all the classes of the School.

## LECTURES ON PRACTICAL COMMERCIAL LAW.

WILLIAM F. MATTINGLY, Esq., a member of the bar of the District of Columbia, will deliver a special course of Lectures upon questions constantly arising in business life, in banking, in the use of commercial paper, and in the purchase and sale of merchandise, as illustrated by study of actual cases.

The Course is open to all the classes of the school.

## LECTURES ON THE HISTORY OF LAW.

Professor HENRY E. DAVIS, A. M., LL. M., will deliver a course of Lectures giving a general view of the Origin of the English Law and its Development in England and the United States.

The Course is open to all the classes of the School.

## The Medical School.

The building in which this School holds its sessions, the munificent gift of the late WILLIAM W. CORCORAN, is situated on H street, between Thirteenth and Fourteenth streets, in Washington. It has recently been enlarged and renovated.

The School has a museum containing a valuable collection and is provided with other appointments suitable for the purpose of medical, anatomical and surgical study.

The plan of instruction comprises a complete course of scholastic lectures in the seven essential branches of medical science, viz: Anatomy, Physiology, Materia Medica, Chemistry, Surgery, Obstetrics and the Theory and Practice of Medicine; and, conjoined with this, ample opportunities are afforded for bedside instruction, by which the general principles taught in the lecture-room can be verified and practically illustrated in the various modes of examining patients, analyzing symptoms and arriving at a correct diagnosis and prognosis of any case that may be presented. In like manner is taught the art of prescribing medicines and of observing their effects, the mode of performing surgical operations, &c.

In addition to full sets of diagrams to illustrate the subjects considered by the several Chairs, the College has provided a Sciopticon, or Lantern, which enables the Lecturer to give the class faithful and exact (photographic) views of both normal and pathological structures. Practical laboratory instruction will be given during the session in Normal and Pathological Histology, and Chemistry. The laboratory has been supplied with microscopes and with the necessary appliances for the study of these subjects.

The course in Normal Histology is open to students during the first and second years of their tuition, and the course in Pathological Histology to third-year students only. Both these courses constitute a necessary part of college work and attendance upon them is not optional, but obligatory.

The Spring Course of Lectures begins in April and comprehends Lectures and Practical Instruction on Diseases of the Eye and Ear; Toxicology and Chemical Analysis; Histology; Mental Diseases; Diseases of the Skin; Medical Jurisprudence; Diseases of Children; Minor Surgery; Gynaecology; Bacteriology; Diseases of the Nervous System; Diseases of the Throat; Visceral Anatomy; Hygiene; Orthopædic Surgery; and Otology.

#### CLINICAL INSTRUCTION.

The opportunities for clinical instruction in the city of Washington have increased in proportion to its augmented population and growing business activity.

In addition to the opportunities afforded for general instruction in Medicine and Surgery by the larger hospitals of the city, facilities are provided by which the student may qualify himself for the treatment of certain special departments of disease, which have of late acquired considerable prominence in Medical Practice, and in the successful management of which a certain skill is necessary that can be acquired only by special courses of clinical instruction.

*Diseases of Infants and Children.*—In this important class of maladies special clinical instruction is given at the Children's Hospital by the Attending Physicians and Surgeons, among whom are Prof. W. W. JOHNSTON and Prof. J. FORD THOMPSON. Students are admitted to the clinics free of charge and also to the Dispensary service, which is open daily from 2.30 to 4.30 o'clock P. M. Under direction of the Medical and Surgical attendants of the Institution ample opportunity is afforded the student to become practically acquainted with the diagnosis and treatment of the diseases of early life.

*Diseases of the Eye and Ear.*—Many medical students begin practice with only a superficial knowledge of the diseases affecting the organs of sight and hearing. To remedy this defect clinical lectures are given during both the winter and spring course.

The Central Dispensary and Emergency Hospital treats a large number of patients. The Dispensary has six separate departments, exclusive of the Emergency Hospital, viz.: 1, Diseases of Children; 2, Diseases of Women; 3, Diseases

of the Eye and Ear; 4, Diseases of the Throat and Lungs; 5, Surgical Cases; 6, General and Nervous Diseases. The services are held daily from 1 to 3 P. M. During the winter clinical lectures are given on Sunday by members of the Attending Staff, admission to which is secured by means of cards obtained from the Secretary of the Staff. There are three Dispensary studentships and a Resident studentship open to undergraduates.

On the whole, it may be stated that the various Dispensaries and Hospitals of the city of Washington afford facilities by which the student may obtain all the information he desires in the way of clinical instruction, and, as the number of students in attendance is never very large, a good opportunity is afforded for close and exact observations in pathology and treatment.

All clinical instruction is free of charge.

#### PRACTICAL ANATOMY.

The Dissecting Room, newly constructed in the most approved style, is large and thoroughly ventilated. It is amply supplied with gas-light, water, and everything that can contribute to the convenience and comfort of the student. The room is open during the day, and in the evening until 11 P. M., under the direction of the Demonstrator of Anatomy.

Dr. WM. M. GRAY will conduct a course of practical instruction in Histology in connection with the Chair of Physiology. In this course students will have the opportunity to become familiar with the use of the microscope, and with the minute Anatomy of the tissues and organs of the body.

Dr. G. N. ACKER will give a course in Pathological Histology, in which will be shown the principal tissue alterations found in disease.

## GENERAL SKETCH OF THE SEVERAL LECTURE COURSES.

### SURGERY.

PROF. J. FORD THOMPSON, M. D., ONE OF THE ATTENDING SURGEONS TO THE  
GARFIELD, AND CHILDREN'S HOSPITALS.

The principles and practice of Surgery are taught from this Chair, both by didactic lectures and clinical instruction. Orthopedic Surgery and Diseases of the Genito-Urinary system are included in this course. At the College, operations will be performed upon the *cadaver*, and the use of all important surgical instruments and appliances will be demonstrated in the same manner. A collection of colored models of life size, illustrating Surgical Anatomy, forms a feature of the Surgical course.

### THEORY AND PRACTICE OF MEDICINE.

PROF. W. W. JOHNSTON, M. D., ONE OF THE ATTENDING PHYSICIANS TO THE  
CHILDREN'S HOSPITAL.

The instruction in this department includes lectures on General Pathology, General Diseases, and Diseases of Organs.

The Study of Pathological Anatomy will always be made a prelude to that of disturbed function.

Illustrations and practical instruction are largely used to supplement didactic teaching.

### OBSTETRICS AND THE DISEASES OF WOMEN AND CHILDREN.

PROF. A. F. A. KING, A. M., M. D., ONE OF THE CONSULTING PHYSICIANS TO  
THE CHILDREN'S HOSPITAL.

This course will comprise a Series of Lectures on the Science and Practice of Midwifery, together with additional Lectures on Gynæcology. The main purpose of the Lecturer will be to explain, impress, and simplify the matters to be studied in the books, so as to render them more easily intelligible, and, hence, more pleasing and satisfactory to the student. With this view the Lectures will be illustrated by diagrams, models, natural preparations, manikins, and instruments.

Mathieu's new elastic manikin, for demonstrating obstetrical operations, has recently been added to the illustrative apparatus.

In the department of Gynæcology the various instruments and appliances required in treating the Diseases of Women will be exhibited and their uses fully explained. The Lectures on this subject—especially such as relate to Surgical Gynæcology—will be rendered more complete by the assistance of Prof. H. L. E. JOHNSON, who will add to the Course a Special Series of Lectures on Surgical Gynæcology during the Spring Term.

## CHEMISTRY AND TOXICOLOGY.

PROF. EDWARD T. FRISTOE, LL. D.

The instruction of this department embraces—

1st. A short discussion of the various branches of Physics, as Specific Gravity, Pneumatics, Heat, Light, Electricity, etc., so far as they relate to the science of Chemistry.

2d. The principles of chemical philosophy, the laws of chemical combinations, and of chemical affinity in general.

3d. A discussion of elementary bodies, both metallic and non-metallic, the best methods of preparing the various inorganic bodies, their properties and reactions, and the means of detecting their presence.

4th. The so-called "organic bodies" are considered so far as time will permit, especially those most useful to the physician, such as organic acids and their salts, the alkaloids, etc.

Throughout the entire course the application of Chemistry to Medicine and Pharmacy will be constantly brought before the student.

Special attention is given to Toxicology. Every poison is studied, so far as the tests for its presence and appropriate antidotes are concerned.

The principles of the science are illustrated by experiment.

## PHYSIOLOGY.

PROF. WILLIAM LEE, M. D.

This course of Lectures consists of a full, clear, and practical exposition of Physiology, aided as far as possible by chemical experiments, vivisections, diagrams, and use of the microscope. The more fully to impress upon the memory of the student the important principles embraced in this part of his curriculum, reviews are held from time to time in form of class examinations. The course will be confined strictly to Physiology, with a view to cover fully the whole ground occupied by this branch.

## ANATOMY, DESCRIPTIVE AND SURGICAL.

PROF. D. KERFOOT SHUTE, A. B., M. D.,

Visiting Physician to the Columbia Institution for the Deaf and Dumb, Kendall Green, and Ophthalmic Surgeon to the Washington Hospital for Foundlings.

This course of Lectures is arranged with the view of rendering the didactic instruction in Anatomy as full and complete as the limits of the session will allow.

Sufficient knowledge of the anatomical structure of the human body to qualify one for the practice of medicine may be acquired during the two courses of lectures from this Chair, which each student attends, if, at the same time, he does his duty in the dissecting-room.

The Lectures will be illustrated by frequent reference to recent dissections and numerous drawings and diagrams. The sciopticon will also be employed constantly to present photographic views of many regions of the body.

Special attention will be given during the Course to the Surgical and Medical Relations of Human Anatomy, which are of so great importance in the practice of the Medical Profession.

#### MATERIA MEDICA AND THERAPEUTICS.

PROF. D. WEBSTER PRENTISS, M. D.

In the course of instruction pertaining to this Chair especial prominence is given to the physiological action of medicines and their therapeutic uses.

The art of prescribing has its logical place assigned in the consideration of individual drugs, particularly with reference to appropriate combination. The use of the metric system in its application to Medicine is taught by this Chair.

The value of a knowledge of Pharmacy and of the Natural History and Chemical relations of the Materia Medica is not overlooked.

#### TEXT-BOOKS AND WORKS OF REFERENCE.

**ANATOMY.**—Quain's Anatomy (last edition); Gray's Anatomy; Hodge's or Holden's Dissector.

**SURGERY.**—Gross's System of Surgery; Erichsen & Druitt.

**MATERIA MEDICA.**—National Dispensatory; Wood's Therapeutics; Fothergill's Handbook of Treatment.

**CHEMISTRY.**—Barker's or Attfield's Chemistry; Bloxam's; Fowne's; Bowman's Medical Chemistry; Witthaus' Essentials of Chemistry; and Wheeler's Medical Chemistry; Remsen's Inorganic Chemistry.

**OBSTETRICS.**—Leishman's, Lusk's, or Playfair's Obstetrics; King's Manual; Thomas, Barnes, or Byford on Diseases of Women; J. Lewis Smith or W. H. Day or Meigs and Pepper on Diseases of Children; and Skene on Diseases of the Female Bladder and Urethra.

**PHYSIOLOGY.**—Dalton's; Flint's Physiology; Foster and Langley's Practical Physiology; Rutherford's Practical Histology.

**PRACTICE OF MEDICINE.**—Robert's, Bartholow's, Flint's, or Niemeyer's Practice.

**PATHOLOGICAL ANATOMY AND HISTOLOGY.**—Green; Wilks and Moxon; Frey's or Striker's Histology; Rindfleish's Pathological Histology; Cornil and Ranyier.

#### REQUIREMENTS FOR MATRICULATION AND GRADUATION.

I. Matriculants will be required to show that they are fitted, by previous education, for the study of medicine, and for this purpose they must either submit themselves to an examination or, in lieu thereof, present a satisfactory certificate of their attainments from some College, Seminary, or High School.

II. Candidates for the degree of Doctor of Medicine must

have attended three courses of lectures, the subjects to be arranged as follows:

FIRST COURSE: Anatomy, Physiology, Chemistry, and Materia Medica. Practical Anatomy and Histology.

SECOND COURSE: Anatomy, Physiology, Chemistry, and Materia Medica. Practice of Medicine, Surgery, and Obstetrics. Histology, Practical Anatomy, and Clinics.

Attendance upon the whole seven branches during the second course is obligatory, in order that the student may have the privilege of presenting himself for examination on the final branches at the end of the third course.

Examination at the end of the second course in Anatomy, Physiology, Chemistry, and Materia Medica.

THIRD COURSE: Practice of Medicine, Surgery, Obstetrics, and Pathological Histology. Clinical Medicine and Surgery. Final examination at the end of this course.

Students who elect to take a four years' course shall not be required to attend the lectures upon the three final branches during the second year.

III. Students of other Institutions who have attended one course of lectures in a regular Medical School will be placed upon the same footing with those who have attended one course in this College; and those who have attended two courses of lectures in some other regular College or Colleges will rank with those who have attended two courses in this Institution, and the same privileges as regards examination will be extended to them; that is to say, they will be admitted as third-course students after passing a satisfactory examination on the four primary branches of Anatomy, Physiology, Chemistry, and Materia Medica.

IV. Candidates for graduation must have studied medicine three years, or the term of three years' study must be completed at a date not exceeding three months after the period of the final examination. They must be of good moral character and at least twenty-one years of age.

Satisfactory evidence that the above conditions have been complied with must be furnished by a written certificate from some regular physician in good standing.

V. The candidate shall have practised dissection at least two sessions, during each of which he shall be required to dissect two "parts" of a subject, and it is recommended that

he dissect three parts. He must have attended also two courses of clinical instruction.

VI. One month before the close of the session he shall enter his name with the Dean of the Faculty as a candidate for graduation, and at the end of the term present himself for examination. The examination will be both written and oral. The examination for the Degree will be held at the end of the session in March. An examination will be held in October for those students only who have attended three courses of lectures, but whose term of three years' study had not been complete at the preceding March examination. Students who fail to pass the examination in March may be re-examined in October, if, in the judgment of the Faculty, they have shown sufficient proficiency to render such a course advisable. The diploma is granted only at the annual commencement in March.

VII. Graduates of other accredited Medical Colleges must pass a satisfactory examination on all of the seven essential branches of medicine before receiving a diploma from this school.

#### FEES, REGULATIONS, &c.

Single ticket . . . . .	\$15.00
Practical Anatomy, by the Demonstrator . . . . .	10.00
Matriculating Fee, payable only once . . . . .	5.00
Examination Fee (not returnable), Primary Branches . . . . .	20.00
Examination Fee (not returnable), Final Branches . . . . .	10.00

No fee for Graduating Expenses.

No charge will be made to matriculants for the courses of Practical instruction in the Laboratory in Chemistry, Physiology, and Histology, or for Clinical Lectures.

Payment of the fees is required in all cases, and tickets must be taken out at the commencement of the session, *unless special arrangement be made with the Dean to suit the convenience of the student.*

By virtue of a liberal endowment from Mr. W. W. CORCORAN, this College is enabled to offer six free scholarships, which are under the supervision of The Columbian University. All applicants for the privileges of this endowment must produce a certificate from the President of the University that they have been fitted by previous education for the study of medicine, and must submit themselves to the

class examinations and graded course of study. This is the only mode by which any deduction can be made from the regular fees, except that graduates of other accredited Medical Colleges, after five years, are required to matriculate only. Prior to the expiration of five years the fee for a general ticket is \$50.

The degrees are conferred by the authority of The Columbian University, incorporated by act of Congress of the United States of America.

The prices of board and all other personal expenses are as reasonable in Washington as in other large cities of the Union.

Students requiring further information are requested to communicate with the Dean of the Faculty.

A. F. A. KING, M. D.,  
*1315 Massachusetts Avenue, N. W.,*  
*Washington, D. C.*

PROFESSORS ON SPECIAL SUBJECTS  
IN THE  
SPRING SESSION, 1892.

FACULTY.

- PROF. H. C. YARROW, M. D.,  
Diseases of the Skin.  
PROF. GEORGE BYRD HARRISON, M. D.,  
Diseases of Children.  
PROF. H. L. E. JOHNSON, M. D.,  
Gynecology.  
PROF. J. H. BRYAN, M. D.,  
Laryngoscopy and Diseases of the Throat.  
PROF. THEOBALD SMITH, M. D.,  
Bacteriology.  
PROF. WILLIAM P. CARR, M. D.,  
Visceral Anatomy.  
PROF. THOMAS E. MCARDLE, A. M., M. D.,  
Minor Surgery.  
PROF. W. K. BUTLER, M. D.,  
Diseases of the Eye.  
PROF. STERLING RUFFIN, M. D.,  
Medical Jurisprudence.  
PROF. C. W. RICHARDSON, M. D., ✓  
Oatology.  
PROF. A. C. PATTERSON, M. D.,  
Mental Diseases.  
PROF. WM. F. R. PHILLIPS, M. D.,  
Hygiene.  
PROF. JOHN VAN RENSSELAER, M. D.,  
Orthopedic Surgery.

The Lectures of this course will be given during April and May, and are made as practical as possible. With this view the members of the Faculty conjoin practical demonstration and clinical teaching with didactic lectures, utilizing for this purpose the Hospitals and Dispensaries with which they are connected. The students are enrolled at the beginning of the Spring Session, and are from time to time examined. At the end of the course certificates will be issued by each Professor to the students who, by their attention and diligence, shall be considered to have deserved them. Attendance upon this course is obligatory.

## The Dental School.

With this announcement the Dental Department of The Columbian University enters upon the sixth year of its existence as a school devoted to instruction in the Theory and Practice of Dental Surgery.

The Sessions of this Department extend through the months of October, November, December, January, and February in each year. The Lectures commence on the first Monday in October.

The fundamental branches of Anatomy, Physiology, Chemistry, and Materia Medica will here be taught, as in the Medical School, and will be pursued with the aid of practice in the Dissecting-Room and in the Chemical Laboratory. Demonstrators of Anatomy and Chemistry will co-operate in the work of instruction with the special Demonstrators of Operative and Prosthetic Dentistry.

In addition to the Chemical Laboratory of the University, and the Dissecting-Room contained in the Medical Building, the College edifice has been recently so enlarged as to provide for a fully-equipped Dental Laboratory and Operating-Room, furnished with operating chairs, and all other necessary appliances to enable the student to acquire a knowledge of office practice as well as of clinical experience in its various forms.

The Infirmary is open every week-day for nine continuous months (being closed during the months of July, August, and September), during which time an abundance of Clinical material is readily available—in fact, fully as many patients present themselves as can possibly be attended to by the students.

The student has, therefore, the privilege of *twenty-seven months' actual practice* in the Infirmary, during which time he may become proficient in all those operations which the dental surgeon is ordinarily called upon to perform in office practice.

Special attention is call to the fact that the members of

the Clinical Corps take an *active* part in the College instruction, each member giving several Lectures on special subjects during the Winter Course, besides holding Clinics at the Infirmary.

#### REQUIREMENTS FOR MATRICULATION AND GRADUATION.

1. *Matriculants* will be required to show, either by examination or by the exhibit of a diploma or certificate from some reputable literary institution, that they have received a good English education.

2. *Candidates for graduation* must have attended three full Courses of Lectures, each of five months' duration, and three Courses of Clinical Instruction in this Institution during the regular winter term and in separate years.

If, however, the candidate, before matriculation, shall have attended one Course of Lectures in some other reputable Dental College, or one or more courses in some reputable Medical College, then he may enter the Second Class of this Institution, and thus become a candidate for graduation after two years' study.

And also, if the candidate shall have attended two full Winter Courses in some other reputable Dental College, or if he be a graduate of a reputable Medical College, and have had one year's Dental Instruction, then he may be eligible for examination after one full Course in this College.

The candidate must be examined upon all subjects taught in this School, and before the examination he must *perform operations upon the natural organs in the Infirmary* and present a well-constructed specimen of Dental mechanism *made by himself in the Dental Laboratory of the University*, which shall be afterward deposited in the College Museum.

In addition to the above requirements, the moral character and habits of the candidate, his industry and diligent attendance, will be taken into consideration. Notable negligence, immorality, and habitual absence from the lectures will, it is distinctly understood, preclude the candidate from attaining his degree, even though he may have acquired sufficient technical knowledge to pass a creditable examination. The reservation on the part of the Faculty of the right to make good moral character a prerequisite for graduation must not be overlooked.

## ADMISSION OF WOMEN.

The Board of Trustees of this University having authorized the admission of women to the Dental Department, they are now admitted to matriculation and graduation, subject to the same rules and with the same privileges in all respects as are accorded other students.

## FEES, REGULATIONS, ETC.

Matriculation (payable once only) . . . . .	\$ 5.00
Full Course of Lectures on all Branches . . . . .	90.00
Demonstrator of Anatomy . . . . .	10.00
Single tickets . . . . .	15.00
Examination Fee (not returnable, but payable once only), Primary Branches . . . . .	20.00
Examination Fee (not returnable, but payable once only), Final Branches . . . . .	10.00

No fee for Graduating Expenses.

In conformity with the foregoing regulations, the expenses for each of the three courses are as follows:

## FIRST COURSE.

Matriculation . . . . .	\$ 5.00
Four Primary Tickets . . . . .	60.00
Demonstrator of Anatomy (Obligatory) . . . . .	10.00
Total . . . . .	\$75.00

## SECOND COURSE.

Four Primary Tickets . . . . .	\$60.00
Two Final Tickets . . . . .	30.00
Demonstrator of Anatomy (Optional, \$10.00).	
Examination Fee, Primary Branches . . . . .	20.00
Total . . . . .	\$110.00

## THIRD COURSE.

Two Final Tickets . . . . .	\$30.00
Examination Fee, Final Branches . . . . .	10.00
Total . . . . .	\$40.00

Graduates of other recognized Dental Colleges will be admitted on paying the matriculation fee and *fifty* dollars.

No charge will be made to matriculants for the courses of Practical Instruction in the Laboratory, on Physiology and Histology, nor for Clinical Lectures.

Payment of the fees is required in all cases, and tickets must be taken out at the commencement of the session, unless special arrangement be made with the Dean to suit the convenience of the student.

The Degrees are conferred by the authority of the Columbian University, incorporated by act of Congress of the United States of America.

Students may matriculate at any time during the nine months' Infirmary Course, and thus begin Infirmary Practice at once.

*Graduates of this School may be admitted as third-year students in the Medical Department after passing the medical examination in Anatomy, Physiology, Chemistry, Materia Medica, and Therapeutics. After two years' additional study on Surgery, Practice, and Obstetrics, they will be admitted to the final examination for the Medical degree.*

Candidates for graduation in the Dental School who desire to obtain a medical degree thereafter, may be admitted to the *medical* examination on the four primary branches at the termination of their second dental course, provided they give written notice to the Dean of their intention so to do one month before the time of the March examinations.

The prices of board and all other personal expenses are as reasonable in Washington as in other large cities of the Union.

Students requiring further information are requested to communicate with the Dean of the Faculty.

A. F. A. KING, M. D., Dean,  
1315 Massachusetts Avenue N. W.,  
Telephone, 885. Washington, D. C.

## The Columbian College.

The College is open to students of both sexes.

The regular course of instruction is comprised in seven schools, as follows:

I. SCHOOL OF ENGLISH: including English Philology, English Literature, Rhetoric, Logic, Elocution, General History, and Anglo-Saxon.

II. SCHOOL OF GREEK: including the Greek Language and Literature, and the History of Greece.

III. SCHOOL OF LATIN: including the Latin Language and Literature, and the History of Rome.

IV. SCHOOL OF MODERN LANGUAGES: including the French and German Languages and Literatures, with the History of France and Germany.

V. SCHOOL OF MATHEMATICS: including Pure Mathematics, Mechanics, and Astronomy.

VI. SCHOOL OF NATURAL SCIENCE: including Physics, Chemistry, and Natural History.

VII. SCHOOL OF PHILOSOPHY: including Mental and Moral Philosophy, Political Philosophy, and the Philosophy of History.

### SCHOOL OF ENGLISH.

#### PROFESSOR SHUTE.

*Freshman Class.*—Instruction is given in the fundamental principles of style and invention, mainly in their rhetorical, and incidentally in their logical aspects. Instruction is given in elocution and composition; also in the general outlines of English and American History.

Text-books: Genung's Rhetoric; Thompson's History of England; Eliot's History of the United States.

*Sophomore Class.*—Instruction is given in the principles of pure and applied logic, and application of these principles is required in analyzing and reconstructing ordinary forms of argumentation in select authors. Instruction is also given as to the origin, development, and present powers of the language; also in the biography, times, and works of the best English writers.

Text-books: Jevons' Logic; Hudson's Shakespeare; Shaw's English Literature; Sweet's Anglo-Saxon Primer and Beowulf.

*Junior Class*.—Fowler's Inductive Logic; Hunt's Prose and Prose Writers; American Literature.

*Senior Class*.—Elocution and Essays throughout the Course; Modern History; Criticisms of American Literature.

#### SCHOOL OF GREEK.

PROFESSOR HUNTINGTON.

In this School instruction is given in the Greek Language and Literature, and in Greek History. The School embraces four classes: Freshman, Sophomore, Junior, and Senior, with the following text-books:

1. In the Freshman Class: Homer's Iliad and Odyssey; Herodotus; Goodwin's and Hadley's Greek Grammar; Boise's Exercises in Greek Syntax; and Smith's History of Greece.

2. In the Sophomore Class: Xenophon's Memorabilia; Lucian; Isocrates; Goodwin's and Hadley's Greek Grammar; Exercises in Greek Composition.

3. In the Junior Class: Sophocles; Euripides; Demosthenes; Lysias; and Thucydides.

4. In the Senior Class: Plato and Thucydides, or Aeschylus.

Lectures are given to the higher classes on Greek Literature.

Frequent exercises are assigned to the classes in rendering into Greek English translations from Greek authors.

Liddell and Scott's Greek Lexicon; Kühner's Greek Grammar; Goodwin's Greek Moods and Tenses; Findlay's or Long's or Ginn & Co.'s Classical Atlas; Smith's Greek and Roman Antiquities, and Grote's or Curtius' History of Greece are recommended to students in all classes.

#### SCHOOL OF LATIN.

PROFESSOR MONTAGUE.

In this School instruction is given in the Latin Language and Literature and in Roman History. The School embraces four classes: the Freshman, Sophomore, Junior, and Senior, with the following text-books.

1. In the Freshman Class: Ovid; Livy; the Odes of Horace; Sight Reading; Original and Selected Exercises; and the History of Rome.

2. In the Sophomore Class: The Satires and Epistles of Horace; Cicero De Senectute et De Amicitia; Selected Letters of Cicero; the Germania of Tacitus; Sight Reading; Original and Selected Exercises; and Lectures on Roman Antiquities.

3. In the Junior Class: Tacitus; Seneca; Juvenal; Quintilian; Original Exercises; Lectures on Latin Syntax; and Critical Study of Roman History.

4. In the Senior Class: Quintilian; the Captives of Plautus; Original Exercises; and the History of Roman Literature.

Grammars: Harkness's (text-book), Chase and Stuart's, Zumpt's, Allen and Greenough's Madvig's.

Lexicons: Harper's or Leverett's, and White's (English-Latin).

Classical Atlas: Ginn & Co.'s, or Long's.

Histories: Merivale's General History of Rome; Merivale's Romans under the Empire (for reference); Liddell's; Myers's; or Pennell's.

For the Sophomore, Junior, and Senior Classes courses of private reading are prescribed.

#### SCHOOL OF GERMAN.

##### PROFESSOR GORE.

Instruction in this department has, as its primary object, a thorough knowledge of the Grammar, and familiarity with the literature, with such practice in conversation as shall serve as a stimulus in the furtherance of this object.

German Grammar is studied during the first three years of the course, with its principles illustrated from the class readings and written exercises.

Text-books: Sheldon's and Joynes-Meissner's German Grammars.

The Freshman Class will read Bilderbuch Ohne Bilder, Anderson, and short selected pieces.

The Sophomore Class will read Das Kalte Herz, Hauff; Der Neffe als Onkel, Dickens; and selected stories.

The Junior Class will read works from Lessing, Auerbach, Schiller, Goethe, and Heyse.

Senior Class: Elective seminary studies; Reading at sight; Lectures in German.

#### THE SCHOOL OF FRENCH.

##### PROFESSOR LODGE.

The Freshman Class is drilled in French pronunciation, Grammar, progressive exercises in composition and in conversation.

Works read: Histoire d'un Conscrit; Le Voyage de M. Perrichon; Un Mariage d'Amour; Edgren's French Grammar is used.

Sophomore Class: French syntax critically studied; Dictation Exercises; Short Original Essays; French Conversation.

Works read: Petite Histoire du Peuple Français, Lacombe; Le Cid; Athalie; L'Avare; Parallel readings in Corinne; Sauveur's Grammaire Française.

Junior Class: French Idioms studied; Lectures on the development of the tongue, and the formative period of French literature; Comparative Philology.

Works read: Bug-Jargal; Le Bourgeois Gentilhomme; Horace; Cinna; La Poudre aux Yeux; La Bataille de Dames; Parallel readings in nineteenth century authors.

Senior Class: Studies in the origins of the chief schools of French literature; philological studies based on the original texts; Ruy Blas; Hernani; Lamartine; Crane's Romantisme Français are also read.

#### SCHOOL OF MATHEMATICS.

PROFESSORS GORE AND HODGKINS.

In this School are taught Pure Mathematics, Mechanics, Astronomy, Calculus of Probabilities, and Least Squares.

There are four classes:

1. The Freshman, in which are taught Algebra and Solid Geometry.

Text-books: Bowser's and Wells' Algebras, Wells' Geometry.

2. The Sophomore, in which are taught Plane and Spherical Trigonometry, Analytic Geometry, and Theory of Equations.

Text-books: Wells' Trigonometry, Wentworth's Analytic Geometry, and Todhunter's Theory of Equations.

3. The Junior, in which are taught Differential and Integral Calculus.

Text-books: Taylor's Calculus.

4. The Senior, in which are taught Mechanics, Least Squares, and Astronomy.

Text-books: Smith's Mechanics; Merriman's Method of Least Squares; Young's General Astronomy.

#### SCHOOL OF NATURAL SCIENCE.

PROFESSOR FRISTOE, ASSISTED BY PROFESSOR HODGKINS.

This School is divided into four classes:

1. The Freshman, in which are taught the elements of Physiology, Natural History, and Geology, and of elemental Mechanics, Hydrostatics, Pneumatics, and Electricity, with experiments.

Text-books: Huxley's and Youman's Physiology, Orton's Zoölogy, Dana's Geology, and Avery's Natural Philosophy.

2. The Sophomore, in which are taught the elements of Physics, such as Heat, Light, and Electricity, and Inorganic and Organic Chemistry, embracing the principles of Chemical Philosophy, preparation and properties of elemental and compound molecules, and the detection of poisons and the proper antidotes.

Text-books: Avery's Natural Philosophy and Barker's and Remsen's Chemistries.

3. The Junior, Laboratory work and Qualitative analysis.

4. The Senior, Mathematical Physics.

Text-books: Cummings' Theory of Electricity, and Peirce's Optics, etc..

#### SCHOOL OF PHILOSOPHY.

THE PRESIDENT.

The special studies of this School are pursued in two classes, the Junior and the Senior. In the Junior Class the attention of students is directed.

to the study of Mental Philosophy. The text-book used on Mental Philosophy is Porter's Elements of Intellectual Science, accompanied with lectures on the history of speculative philosophy and of its leading schools in ancient times, during the Middle Ages, and since the Revival of Learning.

In the Senior Class the study of Mental Philosophy, of Moral Philosophy, and of Natural Theology is pursued under the direction of the President, who also during the current year will serve as acting Professor of Political Philosophy, the latter embracing Political Economy, Constitutional Law of the United States, and the elements of International Law. The text-book used in Moral Philosophy is Calderwood's Handbook of Moral Philosophy, accompanied with lectures on the history of theoretical ethics from the days of the Grecian philosophers down to the present time. In this historical review special attention is called to the phases of English speculation under the head of Moral Philosophy, with a critical reference to the main points of controversy from age to age among the exponents of different schools. The text-book used in the study of Natural Theology is Butler's Analogy of Religion and Nature, accompanied with lectures on the more modern aspect of the questions arising under this head.

In Political Economy the text-book used is Andrews' Institutes of Economics, the study of which is preceded by a course of lectures on the history of Economics, and with critical references to the doctrines of Adam Smith, Malthus, Ricardo, Bastiat, Carey, Mill, Roscher, and others.

Fiske's Civil Government in the United States and Gallaudet's Manual of International Law are used as text-books in the study of Political Philosophy.

A course of lectures is also delivered by the President to the Senior Class on History, its sources, methods of study, elements of criticism, &c., beginning with anthropological studies in primitive society and conducting to the successive evolutions of human history, as seen in the progressive expansion of civilization and culture. At the close of the course is a brief discussion of the Philosophy of History with critical references to the systematic ideas of Vico, F. Schlegel, Herder, Fichte, Schelling, Hegel, Bunsen, Guizot, Balmes, Buckle, Draper, and others.

#### TIME AND TERMS OF ADMISSION.

The regular examinations for admission to the College are held on the Friday and Saturday immediately preceding the opening of the session. Every applicant is required to deliver to the President testimonials of good moral character, and, if coming from another college, must present a certificate of honorable dismission.

Candidates for admission to any class of the College must, unless they are graduates of the Preparatory School, sustain an examination in the following elementary studies: Spelling, English Grammar, Geography, Elements of History, and Arithmetic.

Candidates for admission to any School will be examined in all the studies presupposed by the curriculum of that School.

Candidates for admission to the School of English will be admitted to its lowest class on passing a satisfactory examination on the preliminary studies above indicated.

Candidates for admission to the School of Greek in its lowest class, the Freshman, will be examined in Goodwin's or Hadley's Greek Grammar; Goodwin's Greek Reader, or Xenophon's *Anabasis* (first four books); first three books of Homer's *Iliad*; Jones' Greek Prose Composition; and Myers's or Schmitz's History of Greece.

Candidates for admission to the Freshman Class of the School of Latin will be examined in Harkness's Latin Grammar; four books of Caesar's Commentaries; six of Cicero's Orations; six books of the *Aeneid* of Virgil; Sallust's Conspiracy of Catiline (in part); Latin Composition; and Allen's, Myers's, or Pennell's History of Rome.

Candidates for admission to the School of French will be examined in Edgren's French Grammar and in the first hundred pages of Super's French Reader.

Candidates for admission to the School of Mathematics in its lowest class, the Freshman, will be examined in Algebra (through Quadratic Equations) and in the first four books of Geometry.

Candidates for admission to the Freshman Class in Physics will be required to pass the examination for admission to the Freshman Class in Mathematics.

Real equivalents in quality and amount will be received in place of the books or parts of the books prescribed as above for study preparatory to admission into the Schools of Greek, Latin, and Mathematics.

Candidates for admission to any advanced class in any School will be examined in all the previous studies of the class which they propose to enter.

Students wishing to pursue a select course in certain

Schools will be admitted to the classes for which they may be found qualified; but an examination in preliminary and indispensable studies will be held in all cases, and every student pursuing such a course, if under the age of twenty-one years, is required to embrace in his selections not less than three distinct schools, with at least twelve recitations or lectures per week. The choice of studies embraced in a Select Course must be made immediately upon the commencement of a term, and no student will have leave to make a new choice of studies during any single term.

#### CERTIFICATES AND DIPLOMAS.

The degrees of the College are conferred only on evidence of satisfactory attainments in the studies prescribed for any given degree. The eligibility of candidates for any degree is determined by the quality and the extent of their studies in the several Schools of the College.

I. Certificates of Proficiency are given to students who pass a satisfactory examination on the following studies of the several Schools: In the *First*, on English Literature, History, and Rhetoric; in the *Second*, on the Greek of the Freshman Class and part of the Sophomore Class; in the *Third*, on the Latin of the Freshman Class and part of the Sophomore Class; in the *Fourth*, on the French or the German Language; in the *Fifth*, on Algebra, Geometry, and Trigonometry; in the *Sixth*, on Chemistry or Physics.

II. Students who pass a satisfactory examination on all the obligatory studies embraced in any one of the Schools of the College will receive a diploma certifying the fact of their graduation in that School.

#### DEGREES.

I. The degree of Bachelor of Letters is conferred on students who obtain diplomas in the Schools of English, Greek, Latin, Modern Languages, and Philosophy, and who receive a certificate of proficiency in the School of Mathematics or of Natural Science.

II. The degree of Bachelor of Science is conferred on students who obtain diplomas in the Schools of English, Modern Languages, Mathematics, Natural Science, and Philosophy.

III. The degree of Bachelor of Arts is conferred on students who obtain diplomas in five Schools, of which the School of Philosophy must be one, and who receive certificates of proficiency in the two remaining Schools.

IV. The degree of Master of Arts is conferred on any student who, after being graduated with the degree of Bachelor of Arts, shall submit an original and satisfactory thesis and pass a satisfactory examination, four weeks before the close of the following scholastic year, on certain advanced studies, to be assigned by the Faculty in any School, at the option of the candidate.

Certificates and diplomas in any School of the College are awarded only at the close of the College year in each School and after an examination duly had according to the rules of the Institution.

#### EXAMINATION.

At the end of each term an examination of all the classes in all the Schools is publicly held in all the studies of that term.

The results of each Term Examination are combined with those of the daily recitations and attendance of the student during the term, in order to ascertain his academic standing at the end of that term.

Each recitation and each examination are graded on a scale of merit from 0 to 100, and a failure to reach the final average grade of 75 in any study is regarded as a failure in that study.

At the close of each College year all the classes in all the Schools are publicly examined in review of all the studies of that year.

The results of the Annual Examinations are combined with those of the Term Examinations, in order to ascertain the student's academic standing at the end of each year.

At the close of the second year of the regular course, prescribed for all the degrees of the College, the Annual Examinations of the Sophomore Classes in the several Schools, besides embracing all the studies of that year, will include such studies of the Freshman year as the head of each School may direct. The results of this examination will determine the eligibility of candidates to receive a certificate of Proficiency at the end of this year in the School of Greek, Latin,

or Mathematics, as the condition of attaining in regular course to one or other of the degrees dependent on such proficiency.

A student who fails to pass a satisfactory examination in any study at the end of a College term must present himself for re-examination in that study, and, in default of doing so, shall forfeit promotion with his class in that department.

All examinations which occur at the end of a College year are conducted in writing. Examinations for the degree of Bachelor of Arts are concluded six weeks anterior to the date of the Annual Commencement, that time may be given to Professors for the inspection of written examination papers, and to students for the preparation of parts to be performed on Commencement Day by the successful candidates for the degrees of Bachelor and Master of Arts, to whom public parts on that day may be assigned by the Faculty.

Examinations for prizes and for the degree of Master of Arts are concluded five weeks before the end of each scholastic year.

#### ANNUAL PRIZES.

Besides the honors and degrees conferred in the regular course, prizes are annually offered as the reward of special excellence in particular branches of study.

The Davis Prizes, for excellence in Elocution, founded by the Hon. Isaac Davis, LL. D., of Massachusetts, consist of two gold medals, and are annually awarded to the two successful competitors, in a public contest held on Commencement Day. These prizes are awarded by a committee whom the Faculty selects for this purpose, and are publicly delivered at the close of the contest.

The Staughton Prize, for excellence in the Latin Language and Literature, and the Elton Prize, for excellence in the Greek Language and Literature, founded by the Rev. Romeo Elton, D. D., of Exeter, England, consist of two gold medals, annually awarded to the best scholar and writer in each of these languages.

The Ruggles Prizes, for excellence in Mathematics, founded by Prof. William Ruggles, LL. D., consist of two gold medals, annually awarded to the best two scholars in the pure and applied Mathematics.

Any student entitled to a diploma in any school will be allowed to contend for the prize given in that department; provided he shall have pursued the required number of studies during the year, and shall have passed satisfactory examinations in the same.

PRIZES IN 1890-'91.

Two Staughton Prizes for excellence in the Latin Language and Literature were awarded, one to Miss MABEL NELSON THURSTON, of the District of Columbia and one to E. HILTON JACKSON, of Virginia, they having obtained the same mark in their examination.

The Elton Prize for excellence in the Greek Language and Literature was awarded to Miss MABEL NELSON THURSTON, of the District of Columbia.

The Ruggles Prize in Mathematics was awarded to Miss CORA E. DILL, of Iowa.

The First Davis Prize in Elocution and Composition was awarded to WILLIAM H. WILSON, of West Virginia.

The Second Davis Prize in Elocution and Composition was awarded to CHARLES L. FRAILEY, of the District of Columbia.

The Enosinian Prize for Excellence in Debate was awarded to CHARLES G. COGLEY, of the District of Columbia.

The Prize for Proficiency in Parliamentary Law given by Prof. Gore, was awarded to GEORGE C. CALVERT, of Illinois.

ORDERS OF THE COLLEGE YEAR.

TERMS AND VACATIONS.

The College year, embracing nine months, is divided into two terms: The first term begins on the third Monday in September, and continues to the first of February. The second term begins on the first of February, and ends on the day of the Annual Commencement, which is held on the second Wednesday in June.

A vacation of eight days is given at Christmas, beginning on that holiday, and lasting until the next day after New Year's.

The 22d of February is observed as a College holiday.  
A recess is given from Good Friday to Easter Monday inclusive.

#### ANNUAL COMMENCEMENT.

The Annual Commencement of the College is held on the second Wednesday in June.

Public parts are assigned on Commencement Day to such students only as have passed a satisfactory examination for the degrees of Bachelor or Master of Arts, except as before indicated, in the case of those who may be contestants for the prize of Elocution.

A Latin Salutatory will be awarded to the graduate in each year whose average standing in all the Schools is the highest; and an English Salutatory to the student who stands second.

The Valedictory is awarded with special regard to the qualifications of the student as a Valedictorian, as well as on the ground of scholarship.

Philosophical, Classical, Scientific, Metaphysical, Ethical, Historical, or Literary Orations may be awarded to students who are eminent respectively in the corresponding Departments.

All the degrees of the College are publicly conferred on Commencement Day.

Diplomas in the several schools, and prizes for special excellence in any Department, are publicly delivered on the same day.

#### PUBLIC WORSHIP.

Prayers, accompanied by the reading of the Scriptures, are offered daily in the College Chapel. All students are expected to attend this service.

#### LIBRARY HOURS.

The College Library, to which large additions were made during the last year, is open every day from 9 o'clock A. M. to 1 o'clock P. M., and from 6 to 10 P. M., for purposes of study and inquiry, as also for the distribution of books. A reading-room provided with the leading reviews, periodicals, newspapers, etc., is maintained in connection with the Library for the use of students.

The Libraries of Congress and of the various Departments of the Federal Government are accessible to students for purposes of research in any special line of studies.

#### LITERARY SOCIETY.

The Enosian Society, a literary association formed by the students of the College, meets weekly in its hall for the purpose of improvement in Debate and Composition.

#### LECTURES.

Courses of Lectures in Literature, Art and Science (comprising Lectures in English, French and German) are organized every year by the Faculty. These Lectures are open to all the classes, and to the public on application being made for a ticket of admission. Lectures on Science under the auspices of the Scientific Societies of Washington, whether delivered in the Lecture Hall of the United States National Museum or in the Lecture Hall of the University, are equally open to all students of the University.

#### GENERAL ORDERS.

Every student on entering the College is understood by that act to pledge a voluntary acquiescence in the rules and regulations prescribed by the Board of Trustees and Overseers, and by the Faculty acting under the authority of the Board.

Demerits are noted for unexcused absences from prayers or recitations, and when five unexplained absences are recorded against a student during any given month, the Faculty will inquire into the case.

A report of the student's standing in all his studies, including a record of all absences from lectures, recitations, or other public exercises of the College, will be rendered quarterly to parents or guardians.

The daily recitations of the College Classes are brought, as far as practicable, into the early portion of the day, closing generally at 1.15 o'clock P. M., and on Saturday at 11.15 o'clock A. M. The advantages of an attendance upon the debates of Congress, and upon lectures before various associations, are offered to students of the higher classes without detriment to proficiency in their studies.

## COLLEGE EXPENSES.

1. Admission Fee (paid but once, on entrance).....	\$10.00
2. Tuition for the year in three or more Schools.....	90.00
3. Tuition for the year in two Schools.....	70.00
4. Tuition for the year in one School.....	50.00
5. Laboratory work in Junior class (material).....	10.00

These charges cover all expenses, including public fuel, servants' wages, &c.

Bills are payable semi-annually, in advance.

The College provides no commons, but board may be procured in the city at such reasonable rates that the annual expenses of students need not exceed the sum of three hundred dollars.

## SCHOLARSHIPS.

The Kendall Scholarship, founded by the late Hon. Amos Kendall, and running for six years, two in the Preparatory School and four in the College, is annually conferred on the best scholar in the public High School. Students on this foundation pay semi-annually in advance a fee of eight dollars for public fuel, servants' wages, &c.

## The Corcoran Scientific School.

The School of Science established by the Trustees and Overseers of the Columbian University, as a part of their University system of education, is called by the name of W. W. CORCORAN, in grateful recollection of his many benefactions to the University.

The exercises of the School begin on the first of October, and are held in the New University Building (southeast corner of Fifteenth and H streets), which has been constructed with special reference to the wants of the department.

Provision is made in the Corcoran Scientific School for general and for special courses of study.

The General Courses embrace schemes of studies in Literature, Science, Technology, leading respectively to the degree of Bachelor of Science, of Civil Engineer, Mechanical Engineer, Mining Engineer, &c., according to the scope and quality of the studies prescribed for each degree.

Under the head of Special Courses of Study, whether considered with reference to single studies or to arts embracing with specific studies a certain component part of the General Course, provision is made for instruction in Practical Astronomy, Geodesy, Electrical Engineering, Architecture, Analytical Chemistry in all its branches, Metallurgy, Assaying, Drawing in all its branches, &c., &c.

Students enjoy absolute freedom in the selection of studies, which, if judiciously exercised, will enable them to complete the entire course leading to a degree in *four years*.

In pursuit of this plan, instruction is offered by the Corcoran Scientific School in the following branches:

### ENGLISH.

#### PROF. SHUTE.

Rhetoric (Genung's). English Language (Meiklejohn's). Dissertations.  
Three hours per week.

Deductive Logic (Jevons'). Inductive Logic (Fowler). English Literature (Shaw's Complete Manual, edited by Dr. Smith). Dissertations. Three hours per week.

Modern History (Mackenzie). Two hours per week.

#### LATIN.

PROF. MONTAGUE.

FIRST YEAR.—Ovid; Livy; the Odes of Horace; Exercises; Latin Grammar; and the History of Rome.

SECOND YEAR.—The Satires and Epistles of Horace; Cicero De Senectute et De Amicitia; Selected Letters of Cicero; the Germania of Tacitus; Exercises; and Latin Grammar.

THIRD YEAR.—The Agricola and Histories of Tacitus; Seneca; Juvenal; Quintilian; Exercises; Latin Grammar; and the History of Roman Literature.

#### MATHEMATICS.

PROF. HODGKINS.

Algebra: Bowser's College Algebra. Three hours a week. Geometry: Wells' Plane and Solid Geometry. Two hours a week.

Trigonometry: Wells' Plane and Spherical Trigonometry. Three hours a week during first term. Analytic Geometry: Hardy's Analytic Geometry. Three hours a week during second term.

Calculus: Bowser's Differential and Integral Calculus. Two hours a week.

Classes in Quaternions, Determinants, Least Squares, and other advanced subjects will be formed when a sufficient number of students apply.

#### FRENCH.

PROF. LODGE.

The class is drilled in French pronunciation, grammar, and composition. Exercises in conversation. After some easy French by way of introduction, Histoire d'un Conscrit is read. Two hours a week.

Critical study of syntax. Dictation. Conversation. Le Cid, Histoire du Peuple Français, Esther, and Le Bourgeois Gentilhomme are read. Two hours a week.

Study of idioms. Frequent recitations in French. Composition of French essays. Conversation. Lectures on the development of the French language and literature. Selections from De Staël, Hugo, Sand, Lamartine, Sandeau and Scribe. Two hours a week.

#### GERMAN.

PROF. SCHOENFELD.

Accurate Training in Elementary Grammar and Pronunciation. Exercises in Conversation. Translations into the Foreign Language. Classical Prose Reading for the second half of the year. Two hours a week.

**Exact Training in Syntax.** Composition and Translation into German. Selections from Classical Poetry and Prose from Lessing to Goethe's death. Two hours a week.

Lander's *Hauptschwierigkeiten der deutschen Sprache*. Frequent composition of German Essays and Literary Sketches. Critical Study of German Texts. Lectures on German History. History of German Literature to the present time. Two hours a week.

#### CHEMISTRY.

PROF. FRISTOE.

*Theoretical Chemistry*.—Inorganic or Organic. Three Lectures per week through the session. Text-Books: Barker's and Remsen's *Chemistries*.

*Laboratory Practice and Qualitative Analysis*.—About twelve hours per week for eight months. Text-Books: Clowes' *Qualitative Analysis*.

*Quantitative Analysis*.—Embracing Gravimetric and Volumetric Methods, for acids and bases, analysis of gases, of commercial organic products, as butter, milk, flour, sugar, oleomargarine, &c., as well as assaying and processes for extracting metals from their ores. About fifteen hours per week for eight months. Text-Book: Fresenius' *Quantitative Analysis*.

#### PSYCHOLOGY.

PROF. LODGE.

The method of instruction in this department is inductive, historical, and comparative. The results of recent researches along the lines of psycho-physics are announced and interpreted. Care is taken to define the relations of psychology to pedagogy. The course is supplemented by lectures, giving first a summary of ancient and mediæval speculation, and then discussing the essential characteristics, the development, the influence, and the historic fruits of the philosophic systems of such typical thinkers as Descartes, Locke, and Kant.

Text-Books: Ladd's *Outlines of Physiological Psychology*. Porter's *Elements of Intellectual Science*. A wide course of parallel reading on the subject is required.

#### PHYSICS.

EXUM PERCY LEWIS.

General Physics, including Mechanics, Pneumatics, Hydrostatics, Hydrodynamics, Sound, Heat, Light, Magnetism, Electricity and its applications; all illustrated by suitable experiments. Two hours a week for one year.

A Class in Popular Astronomy. Two hours per week, for one term.

#### CIVIL ENGINEERING.

PROF. FAVA.

Descriptive Geometry (Warren); Construction of Buildings and Machines and Designing; Surveying and Field Practice. Five lectures and three hours' designing a week. Algebra and Geometry required.

Mechanics: Graphic Statics, Earthworks, Roads and Railroads, Canals, Rivers, and Harbors; Designing. Four lectures and eight hours' designing a week. Trigonometry, Analytic Geometry, and Physics required.

Strength of Materials; Engineering Plant; Masonry, Bridges and Tunnels; Iron Construction, Building Materials, and Metallurgy; Designing. Four lectures and ten hours' designing a week.

Architectural Drawing two hours per week.

#### DRAWING.

PROF. KING.

Mechanical Drawing, from samples and models. Two hours a week for one year.

Topographical Drawing and Projection. Two hours a week for one year.

#### MINERALOGY.

PROF. YEATES.

This course is divided into two classes.

1. A lecture course on Crystallography and general properties of minerals. Two hours per week for one year. Text-book, Dana.

2. A course in Blow-pipe Analysis for the determination of minerals. Four hours per week. Text-book, Brush.

#### GEOLOGY.

PROF. YEATES.

A course of lectures will be given on this subject, two hours per week, embracing Theoretical, Dynamical and Historical Geology, also excursions in the field. Text-book, Dana.

Classes will be formed in Anthropology, Astronomy, Biology, Botany, Geodesy and Meteorology when a sufficient number of students apply for instruction in those branches of Science.

#### CONSPECTUS OF STUDIES.

The following is the order in which it is recommended that the studies be taken by candidates for degrees.

FIRST YEAR.—Algebra, Geometry, Rhetoric, Dissertations, French, German, Chemistry, (lectures).

SECOND YEAR.—Trigonometry, Analytic Geometry, Physics, Logic, English Literature, French, German, Mechanical Drawing, Mineralogy, Civil Engineering (Descriptive Geometry, Construction, Designing).

THIRD YEAR.—Calculus, Astronomy, History, French, German, Topographical Drawing, Architectural Drawing, Qualitative Analysis, Civil Engineering (Mechanics, Graphic Statics, Roads and Railroads, Canals, Rivers and Harbors, Designing).

FOURTH YEAR.—Quantitative Analysis, Volumetric Analysis, Assaying, Metallurgy, Blow-pipe Analysis, Mental Philosophy, Moral Philosophy, Anthropology, Geology, Civil Engineering (Strength of Materials, En-

Engineering Plant, Masonry, Bridges and Tunnels, Iron Construction, Building Material, Specifications and Designing).

#### CERTIFICATES, DIPLOMAS, AND DEGREES.

To the foregoing subjects a definite value or weight is assigned, the unit being, in general, one recitation a week for a year, with a satisfactory examination sustained at the close.

A student completing certain related branches of one department, and passing a satisfactory examination, will receive a Certificate of proficiency.

A student completing all the studies prescribed for any department of which the course extends over two or more years will receive a Diploma.

The degree of Bachelor of Science is conferred upon a student who successfully completes such courses as entitle him to a credit of sixty units.

The degree of Civil Engineer is conferred upon a student who successfully completes all the studies in the department of Civil Engineering together with such other subjects as shall give him a total credit of sixty units.

#### GRADUATE STUDIES.

If a sufficient number of students shall apply for instruction in advanced Studies, leading to the degree of Master of Science or Doctor of Science, arrangements will be made for them, as well as for graduate practice and original research in the laboratories.

#### REQUIREMENTS FOR ADMISSION.

Candidates for the degree of Bachelor of Science, Civil Engineer, or other full degree of the School must have a good knowledge of Arithmetic in all its branches, of Geography as taught in the best schools, English Grammar, Orthography and Composition, Elements of Algebra and Geometry.

In the case of students aiming to secure special proficiency in some single branch of Technology the requirements for admission will be less comprehensive, but no student will be admitted to any class without a competent knowledge of the English studies above mentioned.

No student will be admitted to any class until after

matriculation—that is, until after first reporting his name to the President or the Dean of the Faculty, and receiving the certificate of the financial Agent that the required tuition fees have been paid.

ANNUAL TUITION FEES.

(Not including Laboratory Courses.)

For single courses of study in English Language and Literature . . . . .	\$30.00
Mathematics . . . . .	30.00
Mental and Moral Science . . . . .	30.00
General Chemistry . . . . .	30.00
General Physics . . . . .	30.00
Mechanical Drawing . . . . .	30.00
Topographical Drawing . . . . .	30.00
Architectural Drawing . . . . .	30.00
French . . . . .	30.00
German . . . . .	30.00
Psychology . . . . .	30.00
Geology . . . . .	30.00
Civil Engineering . . . . .	30.00
The total payment required, if several courses are selected, will not be more than . . . . .	90.00

The studies in the Chemical Laboratory will embrace three courses:

I.—Qualitative Analysis, embracing a well-arranged course of Chemical Manipulations, and a systematic course of analysis, extending through one year . . . . .	\$100.00
For Chemicals used . . . . .	25.00
Deposit (returnable) for apparatus injured . . . . .	25.00
II.—Quantitative Analysis, embracing Volumetric Analysis and other special methods, extending through one year . . . . .	100.00
For Chemicals used . . . . .	25.00
Deposit (returnable) for apparatus injured . . . . .	25.00
III.—Assaying of Ores and Bullion . . . . .	40.00
For Materials used . . . . .	20.00
Students wishing to take a short course of one term in Chemical Manipulation will be charged . . . . .	30.00
For Chemicals used . . . . .	10.00
Deposit (returnable) for apparatus injured . . . . .	10.00
For special laboratory work in connection with Physics, an additional charge is made of . . . . .	50.00
For special laboratory work in Mineralogy . . . . .	50.00
For Materials . . . . .	10.00
For designing in Civil Engineering . . . . .	20.00

For special technical instructions in Electrical Engineering, Microscopy, Blowpipe Analysis, Architecture, Meteorology, Drawing, etc., the tuition fees will be announced at the opening of the term, and will be determined, in part, by the number of students.

PRIZE.

The Willie E. Fitch Prize, for highest excellence in all branches of Chemistry, founded by James E. Fitch, Esq., in memory of his son, consists of Fifty Dollars, awarded annually, to the student passing the best examination in this Department.

All fees for full courses, or for courses in Analytical Chemistry and Assaying, are payable in monthly instalments, in advance. Fees for single or for special studies are payable in advance in half-yearly instalments. No deduction on account of absence will be made for any less time than a quarter of a year.

For additional information, application may be made to—

PROF. E. T. FRISTOE,  
*Dean of the Faculty.*

N. B.—Students who wish to pursue the study of Greek in connection with the other studies prescribed in the College Course for the degree of Bachelor of Letters, Bachelor of Arts, or Master of Arts, can do so on reporting their names to the President of the Faculty. Classes will be formed in this Department by the Rev. A. J. HUNTINGTON, D. D., Professor of Greek in the Columbian College.

ALUMNI ASSOCIATION OF THE  
COLUMBIAN UNIVERSITY.

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OFFICERS 1891-'92.

PRESIDENT :

THEO. W. NOYES.

VICE-PRESIDENTS :

J. HOLDSWORTH GORDON.

C. W. FRANZONI, M. D.

SECRETARY :

PROF. H. L. HODGKINS.

TREASURER :

JOHN B. LARNER, Esq.

EXECUTIVE COMMITTEE :

THEO. W. NOYES, *Chairman.*

C. W. FRANZONI, M. D.

PROF. A. P. MONTAGUE.

J. HOLDSWORTH GORDON.

M. M. PARKER.

PROF. H. L. HODGKINS.

D. W. PRENTISS, M. D.

WM. B. KING.

D. KERFOOT SHUTE, M. D.

JOHN B. LARNER.

E. K. WILLARD.

The Alumni have recently commenced work on an organized plan for the increase of the University Library, and a number of contributions to the Library Fund and of additions to the Library have been received.

An illustrated Historical Catalogue of the University has recently been published by the Alumni Association, and unbound copies may be purchased from the Secretary for fifty cents each, and bound copies for one dollar each.

## The Preparatory School.

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### CALENDAR.

#### CURRENT SCHOOL YEAR.

1891. Sept. 18-19.—Examination of new scholars.  
 Sept. 21.—The First Term commences.  
 Sept. 28.—Regular Marks begin.  
 Oct. 26.—First Monthly Report rendered.  
 Nov. 23.—Second Monthly Report rendered.  
 Nov. 26-27.—Thanksgiving Holidays.  
 Dec. 24.—Third Monthly Report rendered.  
 Dec. 25.) 1.) Christmas Holidays.  
 1892. Jan. 22.—Fourth Monthly Report rendered.  
 Jan. 22-29.—Intermediate Examinations.  
 Feb. 1.—Marks of Second Term begin.  
 Feb. 22.—Washington's Birthday—holiday.  
 Feb. 29.—Fifth Monthly Report rendered.  
 March 28.—Sixth Monthly report rendered.  
 April 15-18.—Good Friday and Easter Monday—holidays.  
 May 2.—Seventh Monthly Report rendered.  
 May 30.—Eighth Monthly Report rendered.  
 May 30.) 8.) Final Examinations.  
 June 10.—Public Closing Exercises.

#### NEXT SCHOOL YEAR.

1892. Sept. 16-17.—Examination of new scholars.  
 Sept. 19.—The First Term commences.  
 Sept. 26.—Regular Marks begin.  
 Oct. 24.—First Monthly Report rendered.  
 Nov. 21.—Second Monthly Report rendered.  
 Nov. 24-25.—Thanksgiving Holidays.  
 Dec. 24.—Third Monthly Report rendered.  
 Dec. 25.) 2.) Christmas Holidays.  
 Jan. 23.—Fourth Monthly Report rendered.  
 Jan. 23-31.—Intermediate Examinations.  
 Feb. 1.—Marks of Second Term begin.  
 Feb. 22.—Washington's Birthday—holiday.  
 Feb. 27.—Fifth Monthly Report rendered.  
 March 27.—Sixth Monthly Report rendered.  
 March 31.) 3.) Good Friday and Easter Monday—holidays.  
 April 1.—Seventh Monthly Report rendered.  
 May 5.—Eighth Monthly Report rendered.  
 June 5-14.—Final Examinations.  
 June 16.—Public Closing Exercises.

## The Preparatory School.

### CORPS OF INSTRUCTORS.

ANDREW P. MONTAGUE, A. M., Ph. D., Principal, Instructor in Latin and Greek.

REV. A. J. HUNTINGTON, A. M., D. D., Instructor in Greek.

REV. S. M. SHUTE, A. M., D. D., Instructor in Reading.

HOWARD L. HODGKINS, A. M., Instructor in Mathematics and Physics.

LEE D. LODGE, A. M., Instructor in Latin, French and Greek.

E. HILTON JACKSON, A. B., Instructor in English and Latin.

WOOLSEY ASPINWALL, Instructor in English and Greek.

H. G. HODGKINS, A. B., Instructor in Mathematics.

R. B. RANDOLPH, Instructor in Penmanship and Book-keeping.

### DESIGN.

The Preparatory School of the Columbian College was established for the purpose of giving a thorough preparation for College or the technical school, and of fitting boys for the higher pursuits of business. In its new building, in its grades of study, and in its general management, the authorities and the instructors have kept steadily in view the growth of the National Capital and the progress of education in our country. While the School is divided into four grades, the greatest freedom is exercised in classifying pupils in accordance with their previous training and natural aptitudes.

Very many of the boys of our city are compelled to forego a college education and to prepare themselves to enter at once, on leaving the School, some of the many avenues of self-support. This fact has been carefully considered, and a High-school course so arranged as to assist those who take it in making the best use of the time at their disposal.

Under the terms of the "Admiral Powell Endowment," free scholarships will be given to a limited number of pupils

who are preparing for admission to the United States Naval Academy at Annapolis, and who, at the end of their course of study, shall actually enter that institution.

#### DISCIPLINE.

The School is conducted on Christian principles, both in its discipline and in its teaching; but no instruction is given and no influence exerted in favor of any peculiar denominational tenets.

In addition to daily recitations, examinations are held at the end of each term on all the studies of that term.

The graded scale of merit used in the School ranges from 0 to 100, and each student must reach a grade of 70 in order to be advanced with his class.

The progress of the scholar is stimulated by daily records, by monthly and term reports to parents, by promotions in his class and by prizes.

#### GENERAL ORDERS.

The principal, or one of his assistants, will be at the School Building, No. 1335 H street, northwest, from the eighth of September until the School begins, from 10 o'clock A. M., to 2 o'clock P. M., for the purpose of receiving new students and of answering inquiries concerning the School.

The number of scholars in the school at any one time is limited to one hundred, and students will be admitted to vacancies in this number according to the order of their registered application.

The School hours are from 9 o'clock A. M. to 2.15 o'clock P. M.

#### EXPENSES.

For the scholastic year, including all expenses . . . . .	\$80.00
All bills must be paid in advance, at the beginning of each half-yearly term, to H. G. HODGKINS, A. B., Registrar of the School.	

#### SCHEME OF STUDIES IN THE PREPARATORY SCHOOL.

##### FIRST YEAR; FOURTH CLASS.

*Reading*.—Kingsley's Greek Heroes, and The Swiss Family Robinson.

*Spelling*.—Merrill's Word and Sentence Book (Wilson).

*Arithmetic*.—Thomson's Complete Graded Arithmetic.

*Geography*.—Swinton's Grammar School Geography.

*History*.—Montgomery's American History.

*Grammar*.—Hart's Elementary English Grammar.

*Latin*.—Harkness's Easy Latin Method.

*Declamation, Composition, Map-Drawing*.

*Penmanship*.

## SECOND YEAR; THIRD CLASS.

- Reading*.—Church's Stories of the Old World, and Selected Readings.  
*Spelling*.—Merrill's Word and Sentence Book (Wilson).  
*Grammar*.—Hart's English Grammar and Analysis.  
*Exercises*.—Gideon's Exercises in English.  
*Arithmetic*.—Thomson's Complete Graded Arithmetic.  
*Geography*.—Swinton's (completed).  
*History*.—Anderson's History of England.  
*Latin*.—McCabe's Bingham's Latin Grammar; Chase and Stuart's Caesar; and Bennett's First Latin Exercises.  
*Greek*.—White's First Lessons in Greek (new Ed.); Crosby's Xenophon's Anabasis.  
*Declamation, Composition, Map-Drawing*.  
*Penmanship*.

## THIRD YEAR: SECOND CLASS.

- Reading*.—Lamb's Adventures of Ulysses and Scott's Quentin Durward.  
*Spelling*.—Westlake's 3,000 Practice Words.  
*Grammar*.—Hart's English Grammar and Analysis.  
*Exercises*.—Gideon's Exercises in English.  
*Arithmetic*.—Thomson's Commercial Arithmetic.  
*Algebra*.—Wells' Academic Algebra.  
*Geography*.—Houston's Physical Geography.  
*History*.—Anderson's New General History.  
*Latin*.—McCabe's Bingham's Latin Grammar; Chase and Stuart's Caesar; Chase and Stuart's Vergil's Æneid; and Bennett's Latin Exercises.  
*Greek*.—White's First Lessons in Greek (new Ed.); Goodwin's Greek Grammar and White's Lessons; and Crosby's Xenophon's Anabasis.  
*Book-Keeping*.—Bryant and Stratton's Common School Book-keeping.  
*Penmanship*.  
*Declamation, Composition*.

## FOURTH YEAR; FIRST CLASS.

- Reading*.—Brief Declamations (Davis and Bridgman).  
*Spelling*.—Westlake's 3,000 Practice Words.  
*English Grammar reviewed*.  
*Rhetoric*.—Hart's Composition and Rhetoric.  
*History*.—History of Greece, Fyffe.  
 History of Rome, Allen.  
*Latin*.—Harkness's Latin Grammar; Chase and Stuart's Vergil's Æneid; Chase and Stuart's Cicero's Orations; Chase and Stuart's Sallust; Sight Reading; and Selected and Original Exercises.  
*Greek*.—Goodwin's Greek Grammar; Crosby's Xenophon's Anabasis; Seymour's Homer's Iliad; Sight Reading; and Jones's Greek Prose Composition.  
*French*.—Edgren's French Grammar; Super's French Reader; and Le Mari de Madame de Soiange.  
*Algebra*.—Wells's Academic Algebra.  
*Geometry*.—Wells's Plain and Solid Geometry.  
*Physics*.—Avery's First Principles of Natural Philosophy.  
*Book-Keeping*.—Bryant and Stratton's Course (continued).  
*Penmanship*.  
*Declamation, Composition*.  
*Books of Reference in all Classes*: Worcester's or Webster's Dictionary; Baird's Classical Manual; Ginn and Company's or Long's Classical Atlas.

## LITERARY SOCIETY.

The Hermesian Society, composed of students of the two higher classes, meets weekly in a hall assigned to it by the authorities of the School, for the purpose of practising debate and for improvement in composition.

The society is under the general supervision of the instructors, but this supervision never takes the form of disagreeable interference.

This association gives two medals—one for excellence in debate, the other for excellence in composition; and these prizes are publicly awarded at the end of the session.

## "THE BOSTON BOYS."

Several years ago the Preparatory School received from the great benefactor of the Columbian University, W. W. CORCORAN, LL. D., a fine painting, "The Boston Boys," by Henry Bacon. This beautiful ornament of the School hangs in the main room, and is a delight to the eye as well as an incentive to patriotism.

## ANNUAL PRIZES.

The Regular prizes of the School consist of First and Second Scholarship Medals in each class.

Gold Medals are also given to those students who have been blameless in deportment and against whom there is no record of absence or tardiness during the entire session.

Through the liberality of the late Mr. Samuel Norment, President of the Central National Bank of Washington, the authorities of the School will award annually three prizes (\$25, \$20, and \$15) to the students whose scholarship, combined with irreproachable conduct, shall entitle them to be considered respectively the First, Second and Third Honor Boys of the School.

## SPECIAL ANNUAL PRIZES.

The following prizes are annually offered as rewards of special excellence in particular branches of study.

1. The Montague Gold Medal for excellence in the Latin Language.
2. The Roome Gold Medal for excellence in the Greek Language awarded by Mrs. Lillian K. Roome.

3. The Lodge Gold Medal for excellence in the French Language.

4. The Hodgkins Gold Medal for excellence in Mathematics.

\* 5. The Townsend Gold Medal for excellence in Elocution during the session.

6. The Gold Medal for excellence in Declamation at the Commencement, awarded by a committee selected by the Principal.

## HONOR ROLL.

### FOR HIGH GRADE OF SCHOLARSHIP.

First Class . . . . .	First Prize . . . . .	Henry M. Robert, Jr.
	Second Prize . . . . .	George M. Whitwell.
Second Class . . . . .	First Prize . . . . .	A. Monell Sayre.
Third Class . . . . .	First Prize . . . . .	John H. Wynne.
	Second Prize . . . . .	Charles M. Beall.
Fourth Class . . . . .	First Prize . . . . .	Reginald S. Davis.
	Second Prize . . . . .	Robert Farnham, Jr.
Montague Gold Medal in Latin . . . . .		Henry M. Robert, Jr.
Special Certificate in Latin . . . . .		George M. Whitwell.
Roome Gold Medal in Greek . . . . .		Henry M. Robert, Jr.
Roome Special Prize in Greek . . . . .		A. Monell Sayre.
Stuart Gold Medal to Beginners in Greek . . . . .		John H. Wynne.
Lodge Gold Medal in French . . . . .		G. Freeland Peter.
Honorable Mention in French . . . . .		{ Henry M. Robert, Jr. George M. Whitwell.
Hodgkins Gold Medal in Mathematics . . . . .		Henry M. Robert, Jr.
Honorable Mention . . . . .		George M. Whitwell.
Starin Prize in Penmanship . . . . .		W. B. Harrington.
Starin Prize in Book-keeping . . . . .		D. Brown Kerfoot.
Townsend Gold Medal in Declamation . . . . .		Frank Parson.
Fox Gold Medal for Declamation at Commencement, awarded by a Committee of Judges to Frank Parson.		

Honorable Mention of A. Monell Sayre and George Freeland Peter.

Hermesian Medal for Best Debater . . . . . A. Monell Sayre.

Prizes founded by the late Samuel Norment, Esq., awarded to the highest honor boys in the School:

First Prize . . . . .	\$25 in Gold . . . . .	Henry M. Robert, Jr.
Second Prize . . . . .	\$20 in Gold . . . . .	Reginald S. Davis.
Third Prize . . . . .	\$15 in Gold . . . . .	John H. Wynne.

### GOLD MEDALS FOR PUNCTUALITY AND DEPORTMENT.

Four Years.—G. Freeland Peter, Barnwell S. Stuart.

Two Years.—A. Monell Sayre, Garden C. Stuart, Edward C. Wells, John H. Wynne.

One Year.—William W. Comstock, Edward Danenhower, Reginald S. Davis, Frank W. Emmons, David Greenless, J. Russell Johnson, Winthrop D. Green, Spencer B. Prentiss, William N. Reynolds, Jr., William W. Riley, Henry M. Robert, Jr., Theo. D. Wilson, Jr.

Honorable Mention for an Average above 90 per cent. for the Year.—Charles M. Beall, Charles H. Bradley, Harry S. Brown, William P. Cope-land, Reginald S. Davis, Robert Farnham, Jr., Lyttleton M. Ferguson,

Morris T. Ferguson, Winthrop D. Green, David Greenlees, Mortimer B. Hall, T. Randolph Hall, W. B. Harrington, Austin Herr, Jr., D. Brown Kerfoot, Pearson F. Marsh, Salvador D. Moore, Singleton P. Outhwaite, Frank S. Perry, Spencer B. Prentiss, G. Freeland Peter, William W. Riley, Henry M. Robert, Jr., Wm. Oscar Roome, Jr., B. Oldrin Salter, A. Monell Sayre, Edwin E. Spear, Barnwell S. Stuart, Garden C. Stuart, George M. Whitwell, John H. Wynne.

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### GRADUATES.

- S. D. CAMDEN, English, French.  
A. A. CLEMONS, English.  
F. W. EMMONS, English.  
W. J. FALCONER, English, French.  
W. D. GREEN, English, French, Greek, Latin, Mathematics.  
M. B. HALL, English, Mathematics.  
T. R. HALL, English.  
W. B. HARRINGTON, English, French, Mathematics.  
WALLACE HARRY, English.  
F. W. KITCH, English.  
L. F. LUCKETT, English, French.  
S. P. OUTHWAITE, English, French, Latin, Mathematics.  
FRANK PARSON, English French.  
G. F. PETER, English, French, Latin, Mathematics.  
H. A. POLKINHORN, English, French, Mathematics.  
W. W. POOLE, JR., English.  
D. W. PRENTISS, JR., English, French, Mathematics.  
S. B. PRENTISS, English, French, Mathematics.  
B. G. RAY, English.  
W. P. REDINGTON, English, French.  
C. M. REMEY, English, Mathematics.  
W. N. REYNOLDS, JR., English, French.  
H. M. ROBERT, JR., English, French, Greek, Latin, Mathematics.  
B. S. STUART, English, French, Greek, Latin, Mathematics.  
C. H. THOMSON, English, French.  
E. C. WELLS, English, French.  
G. M. WHITWELL, English, French, Greek, Latin, Mathematics.  
T. D. WILSON, JR., English, French.

STUDENTS IN THE PREPARATORY  
SCHOOL.

STUDENT.	CLASS.	PATRON.
Le Droict L. Barber	First	Mr. A. L. Barber.
Charles M. Beall	Second	Mr. Charles B. Beall.
Frank L. Biscoe	First	Major H. L. Biscoe.
Gilbert Bloss	First	Mr. J. B. Bloss.
Charles H. Bradley	Third	Judge A. C. Bradley.
Edmund K. Broadus	First	Mr. Thomas A. Broadus.
Harry S. Brown	Second	Capt. John G. Brown.
Joseph A. Burkart	First	Mrs. Caroline Burkart.
Philip Cason, Jr.	Fourth	Capt. Philip Cason.
Arthur F. Cassels	First	Mr. John Cassels.
Edward F. Caverly	Second	Mr. Edw. Caverly.
Thos. D. Chumasero	Fourth	Miss K. Dawson.
John H. Clapp	Third	Mr. John M. Clapp.
Wm. W. Comstock	First	Mr. Thomas W. Comstock.
Wm. P. Copeland	Third	Mrs. V. P. Wiggins.
Wilson G. Dalby	Second	Rev. I. N. Dalby.
Richard Dalton	Second	Hon. Lycurgus Dalton.
Reginald S. Davis	Third	Mr. S. T. Davis.
Walter E. Dewey	Third	Mr. A. M. Dewey.
Wm. M. C. Dodge	First	Mr. H. H. Dodge.
Lee Stuart Dorsey	Fourth	Mr. Wm. Dorsey.
Morris Dow	Fourth	Mrs. William Coppering.
Wm. T. Eldridge	Fourth	Mr. George D. Eldridge.
Howard G. England	First	Mr. John G. England.
W. Lowry Farnham	Fourth	Dr. Robert Farnham.
Robert Farnham, Jr.	Third	" " "
L. M. Ferguson	First	Rev. W. M. Ferguson.
Richard F. Foote	First	Mrs. L. L. Foote.
Morris C. Foote	First	" " "
Edgar W. Ford	Second	Mr. Raymond L. Ford.
Clark A. Frisbie	Second	Bishop Wm. Paret, LL. D.
Thomas B. Gardner	First	Mr. Thomas I. Gardner.
Wm. H. Gibson	Third	Mr. Wm. M. Gibson.
Ezra Gould	Third	Mr. W. W. Gould.
G. E. Green	Third	Hon. D. A. Green.
Harry S. Greene	First	Rev. S. H. Greene, D.D.
George R. Greenleaf	First	Dr. C. R. Greenleaf, U. S. A.
David A. Greenlees	First	Mr. Arch'd Greenlees.
Latta Griswold	Second	Mrs. E. Tallmadge.
Wm. E. Harrison	Third	Dr. Geo. Byrd Harrison.

Samuel Hazlett, Jr.	Second	Mr. Samuel Hazlett.
Austin Herr, Jr.	First	Mr. Austin Herr.
Clarence H. Herr	Fourth	" " "
Charles G. Hoffman	First	Dr. W. J. Hoffman.
Wm. E. Holcomb	Second	Mr. C. W. Holcomb.
Walter S. Hopkins	Fourth	Mr. Alfred Hopkins.
Wm. Stone Hutton	Third	Mr. Hobart Hutton.
Thomas G. Jones, Jr.	Second	Mr. Thomas G. Jones.
Fred. C. Jones	First	Mr. Thad. A. Jones.
Jos. R. Johnson	First	Dr. J. B. Johnson.
Jos. R. King	Second	Mr. Charles W. King.
F. Wm. Kitch	First	Mr. J. D. Kitch.
Clifton Laughlin	Second	Mr. M. J. Laughlin.
Daniel Loughran, Jr.	Third	Mr. Daniel Loughran.
Pearson F. Marsh	First	Mr. C. B. Marsh.
Wm. F. Mattingly, Jr.	First	Mr. Wm. F. Mattingly.
Frederick F. McElhone	Third	Mrs. M. M. McElhone.
Donald McDonald	Second	Mr. H. B. McDonald.
Armando de Mendonça	Second	Senor Salvador de Mendonça.
Oliver C. Mimmack	Third	Mr. Bernard P. Mimmack.
A. C. Morgan	Fourth	Mr. R. W. Morgan.
Salvador D. Moore	First	Mrs. Laura A. Moore.
Frank R. Needham	Third	Mr. C. W. Needham.
Harry Norment	Third	Mrs. M. E. Norment.
Brainard W. Parker	First	Mr. E. Southard Parker.
Conrad M. Patten	Third	Mr. J. D. Patten.
Joseph Pilling	Third	Mr. Fred. W. Pilling.
Elliott C. Prentiss	First	Dr. D. W. Prentiss.
Walter P. Redington	First	Mr. James K. Redington.
Curt Richter	Fourth	Prof. Herman Schönfeld.
John L. Riggles	Second	Mr. J. Richard Riggles.
Wm. W. Riley	Third	Mr. Thomas R. Riley.
George Robinson	Fourth	Mrs. L. V. Robinson.
Wm. Oscar Roome, Jr.	Second	Major Wm. Oscar Roome.
Blaine D. Rusk	First	Secretary J. M. Rusk.
B. Oldrin Salter	First	Mr. George W. Salter.
Raymond E. Sawyer	First	Capt. Geo. A. Sawyer, U. S. N.
A. Monell Sayre	First	Mrs. M. S. Sayre.
Charles R. Schmidt	First	Miss Flora Schmidt.
Frank Sewall	Fourth	Mrs. C. E. Jenkins.
Maurice J. Sioussat	First	Mr. Chas. M. Sioussat.
Delmar Smith	Fourth	Mr. Clinton Smith.
Arthur P. Spear	Fourth	Gen. Ellis Spear.
Edwin E. Spear	Second	" " "

Jas. McB. Sterrett, Jr.	First	Rev. J. McB. Sterrett, D.D.
Robert Sterrett	Third	" " "
Henry H. D. Sterrett	Third	" " "
Wm. D. Sterrett	Fourth	" " "
D. D. B. Sterrett	Fourth	" " "
Archibald Stine	Third	Mr. J. H. Stine.
Garden C. Stuart	Second	Rev. A. R. Stuart, D.D.
Paul E. Taussig	First	Lieut. Edw. D. Taussig, U.S.N.
Brainard H. Warner, Jr.	First	Mr. B. H. Warner.
Charles H. Weaver	Second	Mrs. A. M. Weaver.
Louis Weaver	Second	" " "
Robert C. Wilkins	First	Hon. Beriah Wilkins.
Charles F. Wilson	First	Mr. Wm. J. Wilson.
Wm. G. Woodford	First	Capt. E. S. Woodford.
John W. Wright	First	Gen. Marcus J. Wright.
Orestes H. Wright	First	Mr. Wm. O. Wright.
John H. Wynne	Second	Mr. Lewis B. Wynne.
Thomas H. Yeager	Second	Mr. Thos. D. Yeager.

STUDENTS IN THE PREPARATORY SCHOOL . . . . . 102



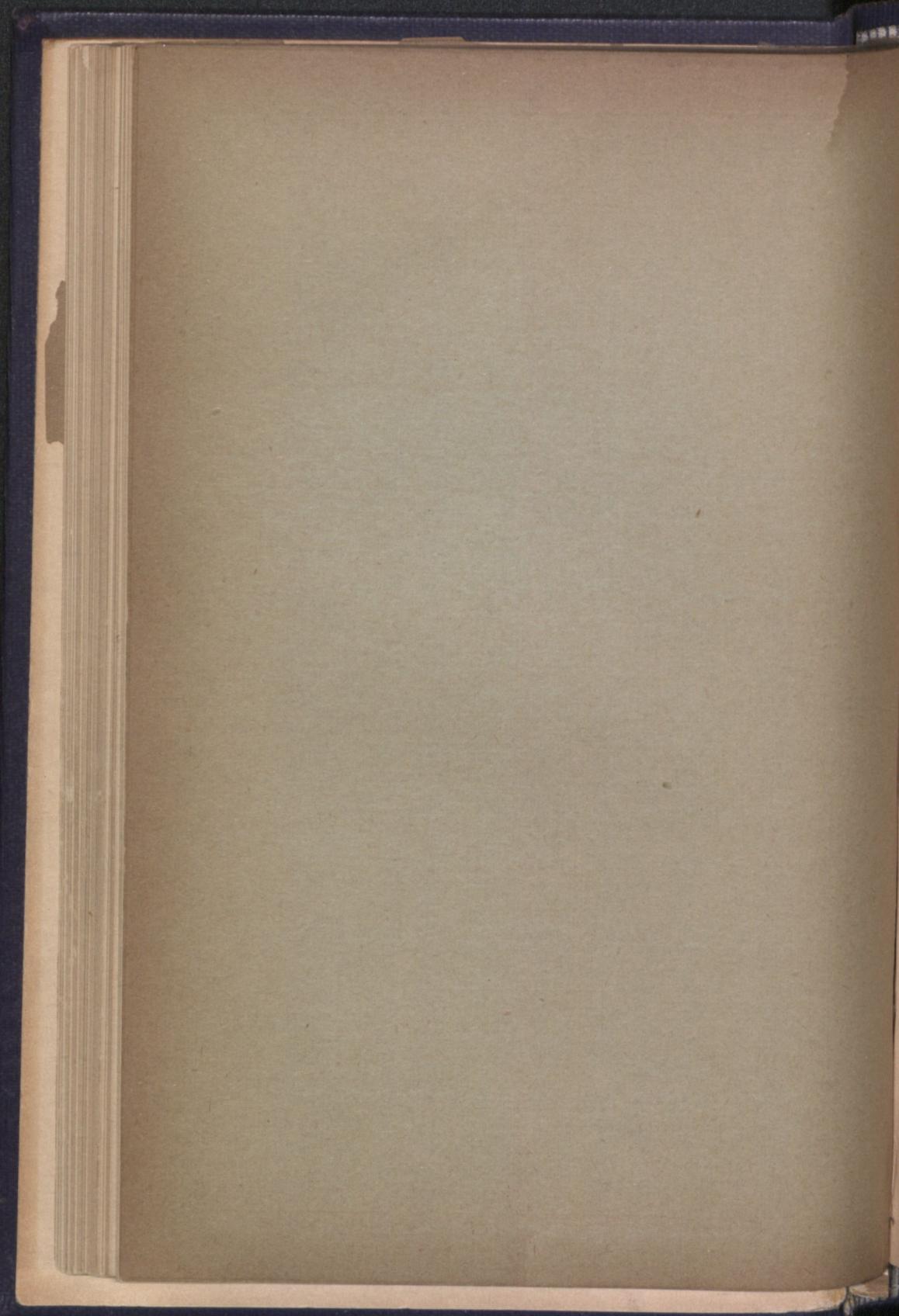
CATALOGUE  
OF  
THE COLUMBIAN COLLEGE  
PREPARATORY SCHOOL,

WASHINGTON, D. C.,

FOR THE ACADEMIC YEAR, 1891-'92.

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WASHINGTON:  
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CATALOGUE

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## The Preparatory School.

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### CALENDAR.

#### CURRENT SCHOOL YEAR.

1891. Sept. 18-19.—Examination of new scholars.  
 Sept. 21.—The First Term commences.  
 Sept. 28.—Regular Marks begin.  
 Oct. 26.—First Monthly Report rendered.  
 Nov. 23.—Second Monthly Report rendered.  
 Nov. 26-27.—Thanksgiving Holidays.  
 Dec. 24.—Third Monthly Report rendered.  
 Dec. 25.) Christmas Holidays.  
 1892. Jan. 22.—Fourth Monthly Report rendered.  
 Jan. 22-29.—Intermediate Examinations.  
 Feb. 1.—Marks of Second Term begin.  
 Feb. 22.—Washington's Birthday—holiday.  
 Feb. 29.—Fifth Monthly Report rendered.  
 March 28.—Sixth Monthly report rendered.  
 April 15-18.—Good Friday and Easter Monday—holidays.  
 May 2.—Seventh Monthly Report rendered.  
 May 30.—Eighth Monthly Report rendered.  
 May 30.) Final Examinations.  
 June 10.—Public Closing Exercises.

#### NEXT SCHOOL YEAR.

1892. Sept. 16-17.—Examination of new scholars.  
 Sept. 19.—The First Term commences.  
 Sept. 26.—Regular Marks begin.  
 Oct. 24.—First Monthly Report rendered.  
 Nov. 21.—Second Monthly Report rendered.  
 Nov. 24-25.—Thanksgiving Holidays.  
 Dec. 24.—Third Monthly Report rendered.  
 Dec. 25.) Christmas Holidays.  
 Jan. 23.—Fourth Monthly Report rendered.  
 Jan. 23-31.—Intermediate Examinations.  
 Feb. 1.—Marks of Second Term begin.  
 Feb. 22.—Washington's Birthday—holiday.  
 Feb. 27.—Fifth Monthly Report rendered.  
 March 27.—Sixth Monthly Report rendered.  
 March 31.) Good Friday and Easter Monday—holidays.  
 April 3.)  
 May 1.—Seventh Monthly Report rendered.  
 June 5.—Eighth Monthly Report rendered.  
 June 5-14.—Final Examinations.  
 June 16.—Public Closing Exercises.

## The Preparatory School.

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### CORPS OF INSTRUCTORS.

ANDREW P. MONTAGUE, A. M., Ph. D., Principal, Instructor in Latin and Greek.

REV. A. J. HUNTINGTON, A. M., D. D., Instructor in Greek.

REV. S. M. SHUTE, A. M., D. D., Instructor in Reading.

HOWARD L. HODGKINS, A. M., Instructor in Mathematics and Physics.

LEE D. LODGE, A. M., Instructor in Latin, French and Greek.

E. HILTON JACKSON, A. B., Instructor in English and Latin.

WOOLSEY ASPINWALL, Instructor in English and Greek.

H. G. HODGKINS, A. B., Instructor in Mathematics.

R. B. RANDOLPH, Instructor in Penmanship and Book-keeping.

### DESIGN.

The Preparatory School of the Columbian College was established for the purpose of giving a thorough preparation for College or the technical school, and of fitting boys for the higher pursuits of business. In its new building, in its grades of study, and in its general management, the authorities and the instructors have kept steadily in view the growth of the National Capital and the progress of education in our country. While the School is divided into four grades, the greatest freedom is exercised in classifying pupils in accordance with their previous training and natural aptitudes.

Very many of the boys of our city are compelled to forego a college education and to prepare themselves to enter at once, on leaving the School, some of the many avenues of self-support. This fact has been carefully considered, and a High-school course so arranged as to assist those who take it in making the best use of the time at their disposal.

Under the terms of the "Admiral Powell Endowment," free scholarships will be given to a limited number of pupils

who are preparing for admission to the United States Naval Academy at Annapolis, and who, at the end of their course of study, shall actually enter that institution.

#### DISCIPLINE.

The School is conducted on Christian principles, both in its discipline and in its teaching; but no instruction is given and no influence exerted in favor of any peculiar denominational tenets.

In addition to daily recitations, examinations are held at the end of each term on all the studies of that term.

The graded scale of merit used in the School ranges from 0 to 100, and each student must reach a grade of 70 in order to be advanced with his class.

The progress of the scholar is stimulated by daily records, by monthly and term reports to parents, by promotions in his class and by prizes.

#### GENERAL ORDERS.

The principal, or one of his assistants, will be at the School Building, No. 1335 H street, northwest, from the eighth of September until the School begins, from 10 o'clock A. M., to 2 o'clock P. M., for the purpose of receiving new students and of answering inquiries concerning the School.

The number of scholars in the school at any one time is limited to one hundred, and students will be admitted to vacancies in this number according to the order of their registered application.

The School hours are from 9 o'clock A. M. to 2.15 o'clock P. M.

#### EXPENSES.

For the scholastic year, including all expenses . . . . . \$80.00

All bills must be paid in advance, at the beginning of each half-yearly term, to H. G. HODGKINS, A. B., Registrar of the School.

#### SCHEME OF STUDIES IN THE PREPARATORY SCHOOL.

##### FIRST YEAR; FOURTH CLASS.

*Reading*.—Kingsley's Greek Heroes, and The Swiss Family Robinson.  
*Spelling*.—Merrill's Word and Sentence Book (Wilson).

*Arithmetic*.—Thomson's Complete Graded Arithmetic.

*Geography*.—Swinton's Grammar School Geography.

*History*.—Montgomery's American History.

*Grammar*.—Hart's Elementary English Grammar.

*Latin*.—Harkness's Easy Latin Method.

*Declamation, Composition, Map-Drawing*.

*Penmanship*.

## SECOND YEAR; THIRD CLASS.

- Reading*.—Church's Stories of the Old World, and Selected Readings.  
*Spelling*.—Merrill's Word and Sentence Book (Wilson).  
*Grammar*.—Hart's English Grammar and Analysis.  
*Exercises*.—Gideon's Exercises in English.  
*Arithmetic*.—Thomson's Complete Graded Arithmetic.  
*Geography*.—Swinton's (completed).  
*History*.—Anderson's History of England.  
*Latin*.—McCabe's Bingham's Latin Grammar; Chase and Stuart's Cæsar; and Bennett's First Latin Exercises.  
*Greek*.—White's First Lessons in Greek (new Ed.); Crosby's Xenophon's Anabasis.  
*Declamation, Composition, Map-Drawing*.  
*Penmanship*.

## THIRD YEAR: SECOND CLASS.

- Reading*.—Lamb's Adventures of Ulysses and Scott's Quentin Durward.  
*Spelling*.—Westlake's 3,000 Practice Words.  
*Grammar*.—Hart's English Grammar and Analysis.  
*Exercises*.—Gideon's Exercises in English.  
*Arithmetic*.—Thomson's Commercial Arithmetic.  
*Algebra*.—Wells' Academic Algebra.  
*Geography*.—Houston's Physical Geography.  
*History*.—Anderson's New General History.  
*Latin*.—McCabe's Bingham's Latin Grammar; Chase and Stuart's Cæsar; Chase and Stuart's Vergil's *Aeneid*; and Bennett's Latin Exercises.  
*Greek*.—White's First Lessons in Greek (new Ed.); Goodwin's Greek Grammar and White's Lessons; and Crosby's Xenophon's Anabasis.  
*Book-Keeping*.—Bryant and Stratton's Common School Book-keeping.  
*Penmanship*.  
*Declamation, Composition*.

## FOURTH YEAR; FIRST CLASS.

- Reading*.—Brief Declamations (Davis and Bridgman).  
*Spelling*.—Westlake's 3,000 Practice Words.  
*English Grammar reviewed*.  
*Rhetoric*.—Hart's Composition and Rhetoric.  
*History*.—History of Greece, Fyffe.  
 History of Rome, Allen.  
*Latin*.—Harkness's Latin Grammar; Chase and Stuart's Vergil's *Aeneid*; Chase and Stuart's Cicero's Orations; Chase and Stuart's Sallust; Sight Reading; and Selected and Original Exercises.  
*Greek*.—Goodwin's Greek Grammar; Crosby's Xenophon's Anabasis; Seymour's Homer's Iliad; Sight Reading; and Jones's Greek Prose Composition.  
*French*.—Edgren's French Grammar; Super's French Reader; and Le Mari de Madame de Soiange.  
*Algebra*.—Wells's Academic Algebra.  
*Geometry*.—Wells's Plain and Solid Geometry.  
*Physics*.—Avery's First Principles of Natural Philosophy.  
*Book-Keeping*.—Bryant and Stratton's Course (continued).  
*Penmanship*.  
*Declamation, Composition*.  
*Books of Reference in all Classes*: Worcester's or Webster's Dictionary; Baird's Classical Manual; Ginn and Company's or Long's Classical Atlas.

## LITERARY SOCIETY.

The Hermesian Society, composed of students of the two higher classes, meets weekly in a hall assigned to it by the authorities of the School, for the purpose of practising debate and for improvement in composition.

The society is under the general supervision of the instructors, but this supervision never takes the form of disagreeable interference.

This association gives two medals—one for excellence in debate, the other for excellence in composition; and these prizes are publicly awarded at the end of the session.

## "THE BOSTON BOYS."

Several years ago the Preparatory School received from the great benefactor of the Columbian University, W. W. CORCORAN, LL. D., a fine painting, "The Boston Boys," by Henry Bacon. This beautiful ornament of the School hangs in the main room, and is a delight to the eye as well as an incentive to patriotism.

## ANNUAL PRIZES.

The Regular prizes of the School consist of First and Second Scholarship Medals in each class.

Gold Medals are also given to those students who have been blameless in deportment and against whom there is no record of absence or tardiness during the entire session.

Through the liberality of the late Mr. Samuel Norment, President of the Central National Bank of Washington, the authorities of the School will award annually three prizes (\$25, \$20, and \$15) to the students whose scholarship, combined with irreproachable conduct, shall entitle them to be considered respectively the First, Second and Third Honor Boys of the School.

## SPECIAL ANNUAL PRIZES.

The following prizes are annually offered as rewards of special excellence in particular branches of study.

1. The Montague Gold Medal for excellence in the Latin Language.
2. The Roome Gold Medal for excellence in the Greek Language awarded by Mrs. Lillian K. Roome.

3. The Lodge Gold Medal for excellence in the French Language.
4. The Hodgkins Gold Medal for excellence in Mathematics.
5. The Townsend Gold Medal for excellence in Elocution during the session.
6. The Gold Medal for excellence in Declamation at the Commencement, awarded by a committee selected by the Principal.

## HONOR ROLL.

### FOR HIGH GRADE OF SCHOLARSHIP.

First Class . . . . .	First Prize . . . . .	Henry M. Robert, Jr.
	Second Prize . . . . .	George M. Whitwell.
Second Class . . . . .	First Prize . . . . .	A. Monell Sayre.
Third Class . . . . .	First Prize . . . . .	John H. Wynne.
	Second Prize . . . . .	Charles M. Beall.
Fourth Class . . . . .	First Prize . . . . .	Reginald S. Davis.
	Second Prize . . . . .	Robert Farnham, Jr.
Montague Gold Medal in Latin . . . . .		Henry M. Robert, Jr.
Special Certificate in Latin . . . . .		George M. Whitwell.
Roome Gold Medal in Greek . . . . .		Henry M. Robert, Jr.
Roome Special Prize in Greek . . . . .		A. Monell Sayre.
Stuart Gold Medal to Beginners in Greek . . . . .		John H. Wynne.
Lodge Gold Medal in French . . . . .		G. Freeland Peter.
Honorable Mention in French . . . . .		(Henry M. Robert, Jr.)
Hodgkins Gold Medal in Mathematics . . . . .		(George M. Whitwell.)
Honorable Mention . . . . .		Henry M. Robert, Jr.
Starin Prize in Penmanship . . . . .		George M. Whitwell.
Starin Prize in Book-keeping . . . . .		W. B. Harrington.
Townsend Gold Medal in Declamation . . . . .		D. Brown Kerfoot.
Fox Gold Medal for Declamation at Commencement, awarded by a Committee of Judges to Frank Parson.		Frank Parson.

Honorable Mention of A. Monell Sayre and George Freeland Peter.  
Hermesian Medal for Best Debater . . . . . A. Monell Sayre.

Prizes founded by the late Samuel Norment, Esq., awarded to the highest honor boys in the School:

First Prize . . . . .	\$25 in Gold . . . . .	Henry M. Robert, Jr.
Second Prize . . . . .	\$20 in Gold . . . . .	Reginald S. Davis.
Third Prize . . . . .	\$15 in Gold . . . . .	John H. Wynne.

### GOLD MEDALS FOR PUNCTUALITY AND DEPORTMENT.

Four Years.—G. Freeland Peter, Barnwell S. Stuart.  
Two Years.—A. Monell Sayre, Garden C. Stuart, Edward C. Wells, John H. Wynne.

One Year.—William W. Comstock, Edward Danenhower, Reginald S. Davis, Frank W. Emmons, David Greenless, J. Russell Johnson, Winthrop D. Green, Spencer B. Prentiss, William N. Reynolds, Jr., William W. Riley, Henry M. Robert, Jr., Theo. D. Wilson, Jr.

Honorable Mention for an Average above 90 per cent. for the Year.—Charles M. Beall, Charles H. Bradley, Harry S. Brown, William P. Cope-nd, Reginald S. Davis, Robert Farnham, Jr., Lyttleton M. Ferguson,

Morris T. Ferguson, Winthrop D. Green, David Greenlees, Mortimer B. Hall, T. Randolph Hall, W. B. Harrington, Austin Herr, Jr., D. Brown Kerfoot, Pearson F. Marsh, Salvador D. Moore, Singleton P. Outhwaite, Frank S. Perry, Spencer B. Prentiss, G. Freeland Peter, William W. Riley, Henry M. Robert, Jr., Wm. Oscar Roome, Jr., B. Oldrin Salter, A. Monell Sayre, Edwin E. Spear, Barnwell S. Stuart, Garden C. Stuart, George M. Whitwell, John H. Wynne.

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## GRADUATES.

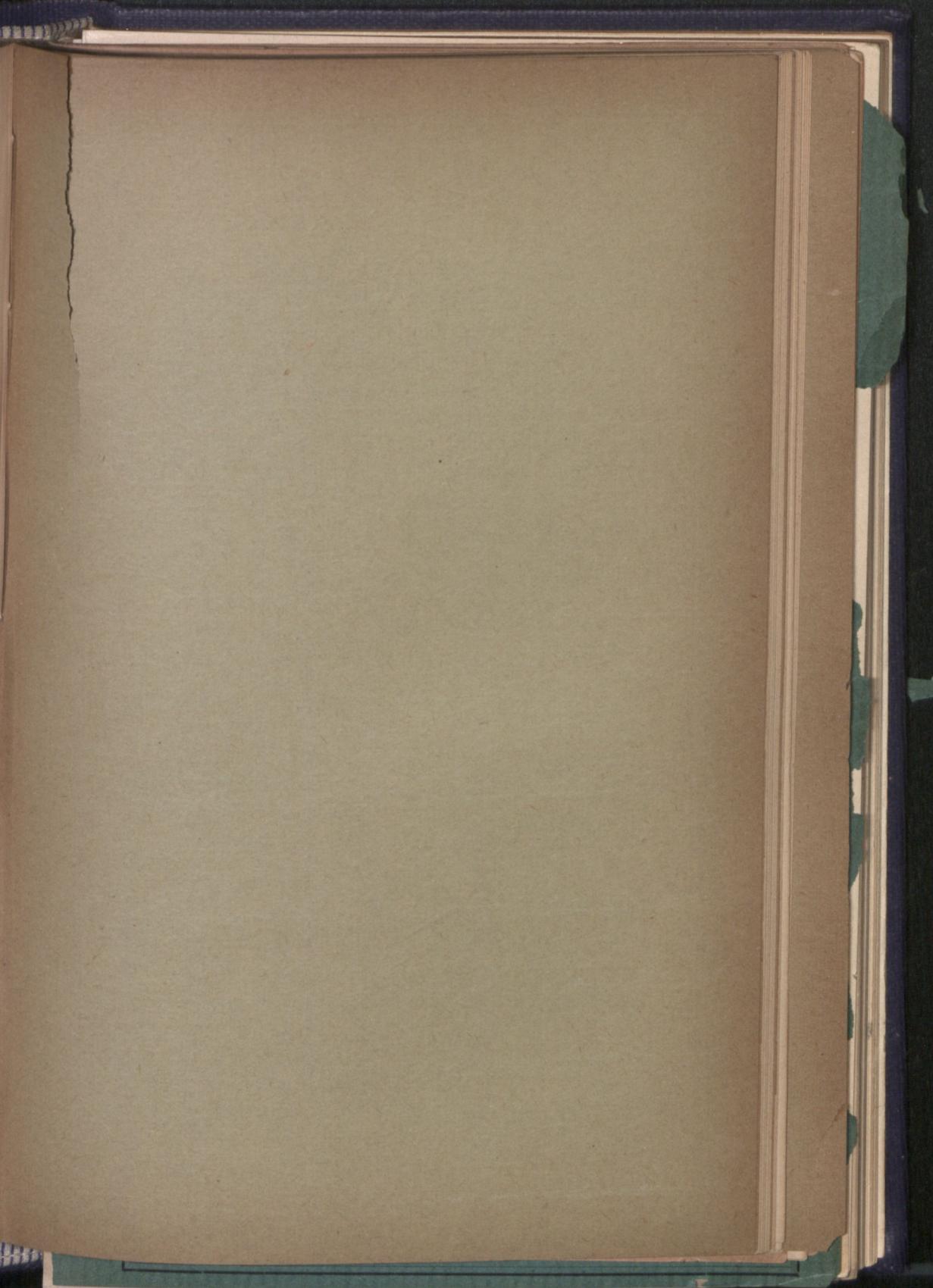
- S. D. CAMDEN, English, French.  
A. A. CLEMONS, English.  
F. W. EMMONS, English.  
W. J. FALCONER, English, French.  
W. D. GREEN, English, French, Greek, Latin, Mathematics.  
M. B. HALL, English, Mathematics.  
T. R. HALL, English.  
W. B. HARRINGTON, English, French, Mathematics.  
WALLACE HARRY, English.  
F. W. KITCH, English.  
L. F. LUCKETT, English, French.  
S. P. OUTHWAITE, English, French, Latin, Mathematics.  
FRANK PARSON, English French.  
G. F. PETER, English, French, Latin, Mathematics.  
H. A. POLKINHORN, English, French, Mathematics.  
W. W. POOLE, JR., English.  
D. W. PRENTISS, JR., English, French, Mathematics.  
S. B. PRENTISS, English, French, Mathematics.  
B. G. RAY, English.  
W. P. REDINGTON, English, French.  
C. M. REMEY, English, Mathematics.  
W. N. REYNOLDS, JR., English, French.  
H. M. ROBERT, JR., English, French, Greek, Latin, Mathematics.  
B. S. STUART, English, French, Greek, Latin, Mathematics.  
C. H. THOMSON, English, French.  
E. C. WELLS, English, French.  
G. M. WHITWELL, English, French, Greek, Latin, Mathematics.  
T. D. WILSON, JR., English, French.

STUDENTS IN THE PREPARATORY  
SCHOOL.

STUDENT.	CLASS.	PATRON.
Le Droict L. Barber . . . . .	First . . . . .	Mr. A. L. Barber.
Charles M. Beall . . . . .	Second . . . . .	Mr. Charles B. Beall.
Frank L. Biscoe . . . . .	First . . . . .	Major H. L. Biscoe.
Gilbert Bloss . . . . .	First . . . . .	Mr. J. B. Bloss.
Charles H. Bradley . . . . .	Third . . . . .	Judge A. C. Bradley.
Edmund K. Broadus . . . . .	First . . . . .	Mr. Thomas A. Broadus.
Harry S. Brown . . . . .	Second . . . . .	Capt. John G. Brown.
Joseph A. Burkart . . . . .	First . . . . .	Mrs. Caroline Burkart.
Philip Cason, Jr. . . . .	Fourth . . . . .	Capt. Philip Cason.
Arthur F. Cassels . . . . .	First . . . . .	Mr. John Cassels.
Edward F. Caverly . . . . .	Second . . . . .	Mr. Edw. Caverly.
Thos. D. Chumasero . . . . .	Fourth . . . . .	Miss K. Dawson.
John H. Clapp . . . . .	Third . . . . .	Mr. John M. Clapp.
Wm. W. Comstock . . . . .	First . . . . .	Mr. Thomas W. Comstock.
Wm. P. Copeland . . . . .	Third . . . . .	Mrs. V. P. Wiggins.
Wilson G. Dalby . . . . .	Second . . . . .	Rev. I. N. Dalby.
Richard Dalton . . . . .	Second . . . . .	Hon. Lycurgus Dalton.
Reginald S. Davis . . . . .	Third . . . . .	Mr. S. T. Davis.
Walter E. Dewey . . . . .	Third . . . . .	Mr. A. M. Dewey.
Wm. M. C. Dodge . . . . .	First . . . . .	Mr. H. H. Dodge.
Lee Stuart Dorsey . . . . .	Fourth . . . . .	Mr. Wm. Dorsey.
Morris Dow . . . . .	Fourth . . . . .	Mrs. William Coppinger.
Wm. T. Eldridge . . . . .	Fourth . . . . .	Mr. George D. Eldridge.
Howard G. England . . . . .	First . . . . .	Mr. John G. England.
W. Lowry Farnham . . . . .	Fourth . . . . .	Dr. Robert Farnham.
Robert Farnham, Jr. . . . .	Third . . . . .	" " "
L. M. Ferguson . . . . .	First . . . . .	Rev. W. M. Ferguson..
Richard F. Foote . . . . .	First . . . . .	Mrs. L. L. Foote.
Morris C. Foote . . . . .	First . . . . .	" " "
Edgar W. Ford . . . . .	Second . . . . .	Mr. Raymond L. Ford.
Clark A. Frisbie . . . . .	Second . . . . .	Bishop Wm. Paret, LL. D.
Thomas B. Gardner . . . . .	First . . . . .	Mr. Thomas I. Gardner.
Wm. H. Gibson . . . . .	Third . . . . .	Mr. Wm. M. Gibson.
Ezra Gould . . . . .	Third . . . . .	Mr. W. W. Gould.
G. E. Green . . . . .	Third . . . . .	Hon. D. A. Green.
Harry S. Greene . . . . .	First . . . . .	Rev. S. H. Greene, D.D.
George R. Greenleaf . . . . .	First . . . . .	Dr. C. R. Greenleaf, U. S. A.
David A. Greenlees . . . . .	First . . . . .	Mr. Arch'd Greenlees.
Latta Griswold . . . . .	Second . . . . .	Mrs. E. Tallmadge.
Wm. E. Harrison . . . . .	Third . . . . .	Dr. Geo. Byrd Harrison.

Samuel Hazlett, Jr.	Second	Mr. Samuel Hazlett.
Austin Herr, Jr.	First	Mr. Austin Herr.
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Curt Richter	Fourth	Prof. Herman Schönfeld.
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Blaine D. Rusk	First	Secretary J. M. Rusk.
B. Oldrin Salter	First	Mr. George W. Salter.
Raymond E. Sawyer	First	Capt. Geo. A. Sawyer, U. S. N.
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Henry H. D. Sterrett	Third	" " "
Wm. D. Sterrett	Fourth	" " "
D. D. B. Sterrett	Fourth	" " "
Archibald Stine	Third	Mr. J. H. Stine.
Garden C. Stuart	Second	Rev. A. R. Stuart, D.D.
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Wm. G. Woodford	First	Capt. E. S. Woodford.
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Orestes H. Wright	First	Mr. Wm. O. Wright.
John H. Wynne	Second	Mr. Lewis B. Wynne.
Thomas H. Yeager	Second	Mr. Thos. D. Yeager.
STUDENTS IN THE PREPARATORY SCHOOL		102



# The Columbian University,

WASHINGTON, D. C.

Collegiate and Professional Instruction is given in the Columbian University in five departments: The COLUMBIAN COLLEGE, the NATIONAL MEDICAL COLLEGE, the SCHOOL OF DENTISTRY, the COLUMBIAN UNIVERSITY LAW SCHOOL, and the CORCORAN SCIENTIFIC SCHOOL.

The first of these comprises the usual College course in Languages (Ancient and Modern), Mathematics, the Physical Sciences, History, Mental, Moral, and Political Philosophy, with specific courses leading severally to the degrees of Bachelor of Arts, Bachelor of Science, and Bachelor of Letters.

The National Medical College, the Medical Department of the University, comprises a full course of study leading to the degree of Doctor in Medicine.

The Dental School provides a course of study in the Science and Art of Dentistry, leading to the degree of Doctor of Dental Surgery.

The Columbian University Law School has an undergraduate course of study in the elements of Law, leading to the degree of Bachelor of Laws, and a graduate course of study in Practice, leading to the degree of Master of Laws.

The Corcoran Scientific School comprises general courses of study leading to the degrees, respectively, of Bachelor of Science and Civil Engineer, and a *special* course in Chemistry and Metallurgy, leading with certain auxiliary studies to the first-named of these degrees. The chemical Laboratory, recently constructed, affords ample facilities for analytical work.

Besides the foregoing higher departments, the University has under its management a Preparatory School, in which students are prepared for Business, for College, for the Military School at West Point, or for the Naval Academy at Annapolis.

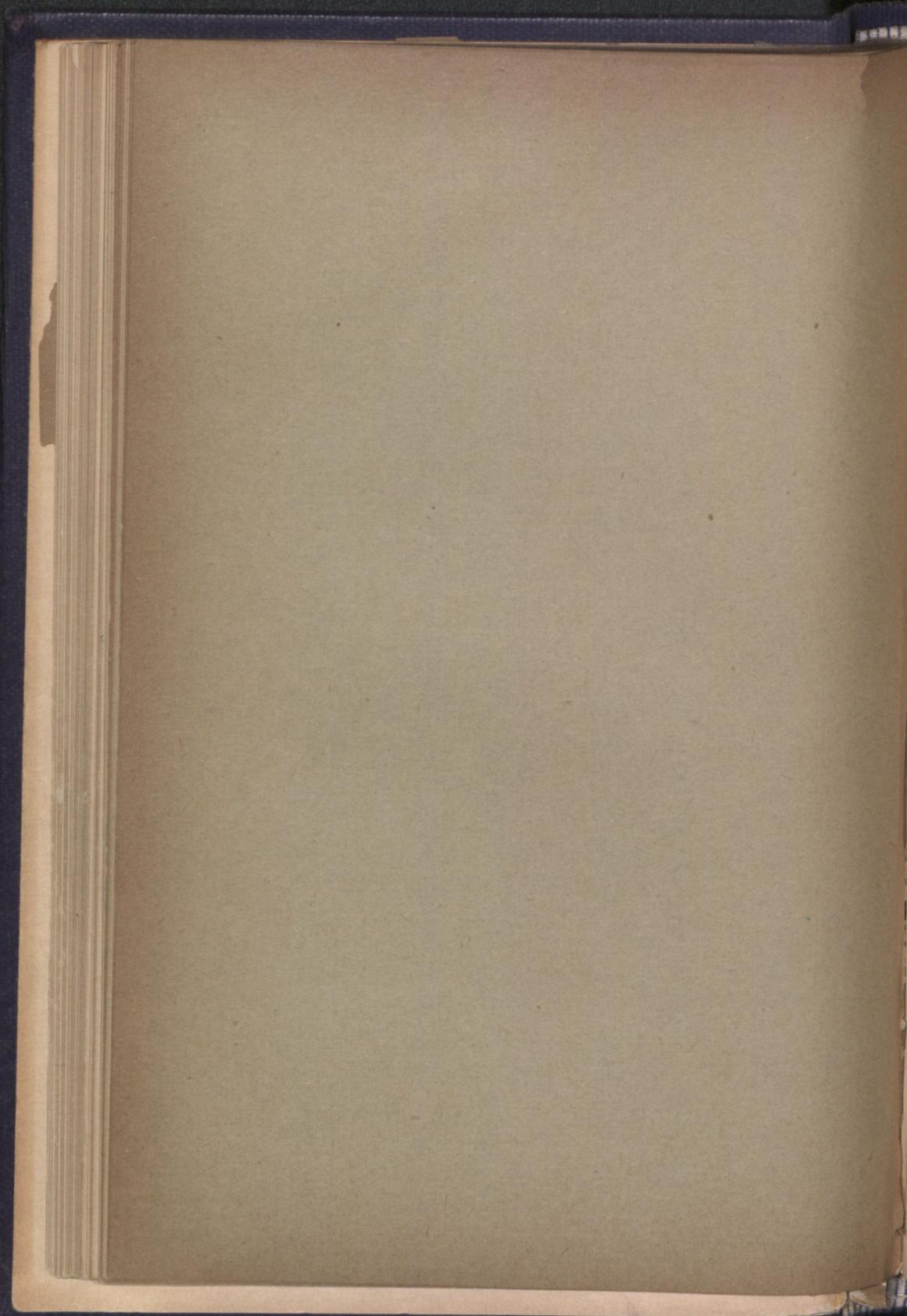
For further information, or for catalogues, address—

JAMES C. WELLING,

*President, Etc.*

CATALOGUE  
OF THE  
OFFICERS AND STUDENTS  
OF  
THE COLUMBIAN COLLEGE  
AND  
CORCORAN SCIENTIFIC SCHOOL  
OF  
THE COLUMBIAN UNIVERSITY,  
OF  
WASHINGTON, D. C.,  
FOR THE ACADEMIC YEAR 1891-'92.

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### THE COLLEGE FACULTY.

JAMES C. WELLING, LL. D.,  
PRESIDENT,

And Professor of Mental and Moral Philosophy, and Lecturer on History.

THE REV. ADONIRAM J. HUNTINGTON, D. D.,  
Professor of the Greek Language and Literature.

THE REV. SAMUEL M. SHUTE, D. D.,  
Professor of the English Language and Literature, and of Anglo-Saxon.

EDWARD T. FRISTOE, A. M., LL. D.,  
Professor of Chemistry, Physics, and Natural History.

ANDREW P. MONTAGUE, A. M., PH. D.,  
Professor of the Latin Language and Literature, and Principal of the Preparatory  
Department.

J. HOWARD GORE, B. S., PH. D.,  
Professor of Mathematics, and of the German Language and Literature.

HOWARD L. HODGKINS, A. M.,  
Adjunct Professor of Mathematics.

LEE D. LODGE, A. M.,  
Professor of the French Language and Literature, and Adjunct Professor of Latin.

H. GRANT HODGKINS, A. B.,  
Registrar and Librarian.

## THE SCIENTIFIC FACULTY.

JAMES C. WELLING, LL. D.,  
PRESIDENT,

EDWARD T. FRISTOE, A. M., LL. D.,  
Professor of General and Analytical Chemistry, and Dean of the Faculty.

THE REV. SAMUEL M. SHUTE, D. D.,  
Professor of the English Language and Literature.

ANDREW P. MONTAGUE, A. M., PH. D.,  
Professor of Latin.

J. HOWARD GORE, B. S., PH. D.,  
Professor of Geodesy.

HOWARD L. HODGKINS, A. M.,  
Professor of Mathematics.

WILLIAM S. YEATES, A. M.,  
Professor of General and Determinative Mineralogy, and Geology.

LEE D. LODGE, A. M.,  
Professor of the French Language, and of Psychology.

WILLIAM C. WINLOCK, A. B.,  
Professor of Astronomy.

FRANCIS R. FAVA, JR., C. E.,  
Professor of Civil Engineering.

F. H. KNOWLTON, M. S.,  
Professor of Botany.

THEODORE N. GILL, M. D., PH. D.,  
Professor of Zoölogy.

OTIS T. MASON, A. M., PH. D.,  
Lecturer on Anthropology.

CLEVELAND ABBE, A. M.,  
Professor of Meteorology.

HERMANN SCHÖNFELD, PH. D.,  
Professor of the German Language.

HARRY KING, LL. B.,  
Professor of Drawing.

EXUM PERCY LEWIS, B. S.,  
Instructor in Physics and Astronomy.

## The Columbian College.

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The College is open to students of both sexes.

The regular course of instruction is comprised in seven schools, as follows:

I. SCHOOL OF ENGLISH: including English Philology, English Literature, Rhetoric, Logic, Elocution, General History, and Anglo-Saxon.

II. SCHOOL OF GREEK: including the Greek Language and Literature, and the History of Greece.

III. SCHOOL OF LATIN: including the Latin Language and Literature, and the History of Rome.

IV. SCHOOL OF MODERN LANGUAGES: including the French and German Languages and Literatures, with the History of France and Germany.

V. SCHOOL OF MATHEMATICS: including Pure Mathematics, Mechanics, and Astronomy.

VI. SCHOOL OF NATURAL SCIENCE: including Physics, Chemistry, and Natural History.

VII. SCHOOL OF PHILOSOPHY: including Mental and Moral Philosophy, Political Philosophy, and the Philosophy of History.

### SCHOOL OF ENGLISH.

#### PROFESSOR SHUTE.

*Freshman Class.*—Instruction is given in the fundamental principles of style and invention, mainly in their rhetorical, and incidentally in their logical aspects. Instruction is given in elocution and composition; also in the general outlines of English and American History.

Text-books: Genung's Rhetoric; Thompson's History of England; Eliot's History of the United States.

*Sophomore Class.*—Instruction is given in the principles of pure and applied logic, and application of these principles is required in analyzing and reconstructing ordinary forms of argumentation in select authors. Instruction is also given as to the origin, development, and present powers of the language; also in the biography, times, and works of the best English writers.

Text-books: Jevons' Logic; Hudson's Shakespeare; Shaw's English Literature; Sweet's Anglo-Saxon Primer and Beowulf.

*Junior Class*.—Fowler's Inductive Logic; Hunt's Prose and Prose Writers; American Literature.

*Senior Class*.—Elocution and Essays throughout the Course; Modern History; Criticisms of American Literature.

#### SCHOOL OF GREEK.

PROFESSOR HUNTINGTON.

In this School instruction is given in the Greek Language and Literature, and in Greek History. The School embraces four classes: Freshman, Sophomore, Junior, and Senior, with the following text-books:

1. In the Freshman Class: Homer's Iliad and Odyssey; Herodotus; Goodwin's and Hadley's Greek Grammar; Boise's Exercises in Greek Syntax; and Smith's History of Greece.

2. In the Sophomore Class: Xenophon's Memorabilia; Lucian; Isocrates; Goodwin's and Hadley's Greek Grammar; Exercises in Greek Composition.

3. In the Junior Class: Sophocles; Euripides; Demosthenes; Lysias; and Thucydides.

4. In the Senior Class: Plato and Thucydides, or Æschylus.

Lectures are given to the higher classes on Greek Literature.

Frequent exercises are assigned to the classes in rendering into Greek English translations from Greek authors.

Liddell and Scott's Greek Lexicon; Kühner's Greek Grammar; Goodwin's Greek Moods and Tenses; Findlay's or Long's or Ginn & Co.'s Classical Atlas; Smith's Greek and Roman Antiquities, and Grote's or Curtius' History of Greece are recommended to students in all classes.

#### SCHOOL OF LATIN.

PROFESSOR MONTAGUE.

In this School instruction is given in the Latin Language and Literature and in Roman History. The School embraces four classes: the Freshman, Sophomore, Junior, and Senior, with the following text-books.

1. In the Freshman Class: Ovid; Livy; the Odes of Horace; Sight Reading; Original and Selected Exercises; and the History of Rome.

2. In the Sophomore Class: The Satires and Epistles of Horace; Cicero De Senectute et De Amicitia; Selected Letters of Cicero; the Germania of Tacitus; Sight Reading; Original and Selected Exercises; and Lectures on Roman Antiquities.

3. In the Junior Class: Tacitus; Seneca; Juvenal; Quintilian; Original Exercises; Lectures on Latin Syntax; and Critical Study of Roman History.

4. In the Senior Class: Quintilian; the Captives of Plautus; Original Exercises; and the History of Roman Literature.

Grammars: Harkness's (text-book), Chase and Stuart's, Zumpt's, Allen and Greenough's Madvig's.

Lexicons: Harper's or Leverett's, and White's (English-Latin).

Classical Atlas: Ginn & Co.'s, or Long's.

Histories: Merivale's General History of Rome; Merivale's Romans under the Empire (for reference); Liddell's; Myers's; or Pennell's.

For the Sophomore, Junior, and Senior Classes courses of private reading are prescribed.

#### SCHOOL OF GERMAN.

##### PROFESSOR GORE.

Instruction in this department has, as its primary object, a thorough knowledge of the Grammar, and familiarity with the literature, with such practice in conversation as shall serve as a stimulus in the furtherance of this object.

German Grammar is studied during the first three years of the course, with its principles illustrated from the class readings and written exercises.

Text-books: Sheldon's and Joynes-Meissner's German Grammars.

The Freshman Class will read Bilderbuch Ohne Bilder, Anderson, and short selected pieces.

The Sophomore Class will read Das Kalte Herz, Hauff; Der Neffe als Onkel, Dickens; and selected stories.

The Junior Class will read works from Lessing, Auerbach, Schiller, Goethe, and Heyse.

Senior Class: Elective seminary studies; Reading at sight; Lectures in German.

#### THE SCHOOL OF FRENCH.

##### PROFESSOR LODGE.

The Freshman Class is drilled in French pronunciation, Grammar, progressive exercises in composition and in conversation.

Works read: Histoire d'un Conscrit; Le Voyage de M. Perrichon; Un Mariage d'Amour; Edgren's French Grammar is used.

Sophomore Class: French syntax critically studied; Dictation Exercises; Short Original Essays; French Conversation.

Works read: Petite Histoire du Peuple Français, Lacombe; Le Cid; Athalie; L'Avare; Parallel readings in Corinne; Sauveur's Grammaire Française.

Junior Class: French Idioms studied; Lectures on the development of the tongue, and the formative period of French literature; Comparative Philology.

Works read: Bug-Jargal; Le Bourgeois Gentilhomme; Horace; Cinna; La Poudre aux Yeux; La Bataille de Dames; Parallel readings in nineteenth century authors.

Senior Class: Studies in the origins of the chief schools of French literature; philological studies based on the original texts; Ruy Blas; Hernani; Lamartine; Crane's Romantisme Français are also read.

#### SCHOOL OF MATHEMATICS.

PROFESSORS GORE AND HODGKINS.

In this School are taught Pure Mathematics, Mechanics, Astronomy, Calculus of Probabilities, and Least Squares.

There are four classes:

1. The Freshman, in which are taught Algebra and Solid Geometry.  
Text-books: Bowser's and Wells' Algebras, Wells' Geometry.

2. The Sophomore, in which are taught Plane and Spherical Trigonometry, Analytic Geometry, and Theory of Equations.

Text-books: Wells' Trigonometry, Wentworth's Analytic Geometry, and Todhunter's Theory of Equations.

3. The Junior, in which are taught Differential and Integral Calculus.

Text-books: Taylor's Calculus.

4. The Senior, in which are taught Mechanics, Least Squares, and Astronomy.

Text-books: Smith's Mechanics; Merriman's Method of Least Squares; Young's General Astronomy.

#### SCHOOL OF NATURAL SCIENCE.

PROFESSOR FRISTOE, ASSISTED BY PROFESSOR HODGKINS.

This School is divided into four classes:

1. The Freshman, in which are taught the elements of Physiology, Natural History, and Geology, and of elemental Mechanics, Hydrostatics, Pneumatics, and Electricity, with experiments.

Text-books: Huxley's and Youman's Physiology, Orton's Zoölogy, Dana's Geology, and Avery's Natural Philosophy.

2. The Sophomore, in which are taught the elements of Physics, such as Heat, Light, and Electricity, and Inorganic and Organic Chemistry, embracing the principles of Chemical Philosophy, preparation and properties of elemental and compound molecules, and the detection of poisons and the proper antidotes.

Text-books: Avery's Natural Philosophy and Barker's and Remsen's Chemistries.

3. The Junior, Laboratory work and Qualitative analysis.

4. The Senior, Mathematical Physics.

Text-books: Cummings' Theory of Electricity, and Peirce's Optics, etc.

#### SCHOOL OF PHILOSOPHY.

THE PRESIDENT.

The special studies of this School are pursued in two classes, the Junior and the Senior. In the Junior Class the attention of students is directed

to the study of Mental Philosophy. The text-book used on Mental Philosophy is Porter's Elements of Intellectual Science, accompanied with lectures on the history of speculative philosophy and of its leading schools in ancient times, during the Middle Ages, and since the Revival of Learning.

In the Senior Class the study of Mental Philosophy, of Moral Philosophy, and of Natural Theology is pursued under the direction of the President, who also during the current year will serve as acting Professor of Political Philosophy, the latter embracing Political Economy, Constitutional Law of the United States, and the elements of International Law. The text-book used in Moral Philosophy is Calderwood's Handbook of Moral Philosophy, accompanied with lectures on the history of theoretical ethics from the days of the Grecian philosophers down to the present time. In this historical review special attention is called to the phases of English speculation under the head of Moral Philosophy, with a critical reference to the main points of controversy from age to age among the exponents of different schools. The text-book used in the study of Natural Theology is Butler's Analogy of Religion and Nature, accompanied with lectures on the more modern aspect of the questions arising under this head.

In Political Economy the text-book used is Andrews' Institutes of Economics, the study of which is preceded by a course of lectures on the history of Economics, and with critical references to the doctrines of Adam Smith, Malthus, Ricardo, Bastiat, Carey, Mill, Roscher, and others.

Fiske's Civil Government in the United States and Gallaudet's Manual of International Law are used as text-books in the study of Political Philosophy.

A course of lectures is also delivered by the President to the Senior Class on History, its sources, methods of study, elements of criticism, &c., beginning with anthropological studies in primitive society and conducting to the successive evolutions of human history, as seen in the progressive expansion of civilization and culture. At the close of the course is a brief discussion of the Philosophy of History with critical references to the systematic ideas of Vico, F. Schlegel, Herder, Fichte, Schelling, Hegel, Bunsen, Guizot, Balmes, Buckle, Draper, and others.

#### TIME AND TERMS OF ADMISSION.

The regular examinations for admission to the College are held on the Friday and Saturday immediately preceding the opening of the session. Every applicant is required to deliver to the President testimonials of good moral character, and, if coming from another college, must present a certificate of honorable dismissal.

Candidates for admission to any class of the College must, unless they are graduates of the Preparatory School, sustain an examination in the following elementary studies: Spelling, English Grammar, Geography, Elements of History, and Arithmetic.

Candidates for admission to any School will be examined in all the studies presupposed by the curriculum of that School.

Candidates for admission to the School of English will be admitted to its lowest class on passing a satisfactory examination on the preliminary studies above indicated.

Candidates for admission to the School of Greek in its lowest class, the Freshman, will be examined in Goodwin's or Hadley's Greek Grammar; Goodwin's Greek Reader, or Xenophon's *Anabasis* (first four books); first three books of Homer's *Iliad*; Jones' Greek Prose Composition; and Myers's or Schmitz's History of Greece.

Candidates for admission to the Freshman Class of the School of Latin will be examined in Harkness's Latin Grammar; four books of Caesar's Commentaries; six of Cicero's Orations; six books of the *Aeneid* of Virgil; Sallust's Conspiracy of Catiline (in part); Latin Composition; and Allen's, Myers's, or Pennell's History of Rome.

Candidates for admission to the School of French will be examined in Edgren's French Grammar and in the first hundred pages of Super's French Reader.

Candidates for admission to the School of Mathematics in its lowest class, the Freshman, will be examined in Algebra (through Quadratic Equations) and in the first four books of Geometry.

Candidates for admission to the Freshman Class in Physics will be required to pass the examination for admission to the Freshman Class in Mathematics.

Real equivalents in quality and amount will be received in place of the books or parts of the books prescribed as above for study preparatory to admission into the Schools of Greek, Latin, and Mathematics.

Candidates for admission to any advanced class in any School will be examined in all the previous studies of the class which they propose to enter.

Students wishing to pursue a select course in certain

Schools will be admitted to the classes for which they may be found qualified; but an examination in preliminary and indispensable studies will be held in all cases, and every student pursuing such a course, if under the age of twenty-one years, is required to embrace in his selections not less than three distinct schools, with at least twelve recitations or lectures per week. The choice of studies embraced in a Select Course must be made immediately upon the commencement of a term, and no student will have leave to make a new choice of studies during any single term.

#### CERTIFICATES AND DIPLOMAS.

The degrees of the College are conferred only on evidence of satisfactory attainments in the studies prescribed for any given degree. The eligibility of candidates for any degree is determined by the quality and the extent of their studies in the several Schools of the College.

I. Certificates of Proficiency are given to students who pass a satisfactory examination on the following studies of the several Schools: In the *First*, on English Literature, History, and Rhetoric; in the *Second*, on the Greek of the Freshman Class and part of the Sophomore Class; in the *Third*, on the Latin of the Freshman Class and part of the Sophomore Class; in the *Fourth*, on the French or the German Language; in the *Fifth*, on Algebra, Geometry, and Trigonometry; in the *Sixth*, on Chemistry or Physics.

II. Students who pass a satisfactory examination on all the obligatory studies embraced in any one of the Schools of the College will receive a diploma certifying the fact of their graduation in that School.

#### DEGREES.

I. The degree of Bachelor of Letters is conferred on students who obtain diplomas in the Schools of English, Greek, Latin, Modern Languages, and Philosophy, and who receive a certificate of proficiency in the School of Mathematics or of Natural Science.

II. The degree of Bachelor of Science is conferred on students who obtain diplomas in the Schools of English, Modern Languages, Mathematics, Natural Science, and Philosophy.

III. The degree of Bachelor of Arts is conferred on students who obtain diplomas in five Schools, of which the School of Philosophy must be one, and who receive certificates of proficiency in the two remaining Schools.

IV. The degree of Master of Arts is conferred on any student who, after being graduated with the degree of Bachelor of Arts, shall submit an original and satisfactory thesis and pass a satisfactory examination, four weeks before the close of the following scholastic year, on certain advanced studies, to be assigned by the Faculty in any School, at the option of the candidate.

Certificates and diplomas in any School of the College are awarded only at the close of the College year in each School and after an examination duly had according to the rules of the Institution.

#### EXAMINATION.

At the end of each term an examination of all the classes in all the Schools is publicly held in all the studies of that term.

The results of each Term Examination are combined with those of the daily recitations and attendance of the student during the term, in order to ascertain his academic standing at the end of that term.

Each recitation and each examination are graded on a scale of merit from 0 to 100, and a failure to reach the final average grade of 75 in any study is regarded as a failure in that study.

At the close of each College year all the classes in all the Schools are publicly examined in review of all the studies of that year.

The results of the Annual Examinations are combined with those of the Term Examinations, in order to ascertain the student's academic standing at the end of each year.

At the close of the second year of the regular course, prescribed for all the degrees of the College, the Annual Examinations of the Sophomore Classes in the several Schools, besides embracing all the studies of that year, will include such studies of the Freshman year as the head of each School may direct. The results of this examination will determine the eligibility of candidates to receive a certificate of Proficiency at the end of this year in the School of Greek, Latin,

or Mathematics, as the condition of attaining in regular course to one or other of the degrees dependent on such proficiency.

A student who fails to pass a satisfactory examination in any study at the end of a College term must present himself for re-examination in that study, and, in default of doing so, shall forfeit promotion with his class in that department.

All examinations which occur at the end of a College year are conducted in writing. Examinations for the degree of Bachelor of Arts are concluded six weeks anterior to the date of the Annual Commencement, that time may be given to Professors for the inspection of written examination papers, and to students for the preparation of parts to be performed on Commencement Day by the successful candidates for the degrees of Bachelor and Master of Arts, to whom public parts on that day may be assigned by the Faculty.

Examinations for prizes and for the degree of Master of Arts are concluded five weeks before the end of each scholastic year.

#### ANNUAL PRIZES.

Besides the honors and degrees conferred in the regular course, prizes are annually offered as the reward of special excellence in particular branches of study.

The Davis Prizes, for excellence in Elocution, founded by the Hon. Isaac Davis, LL. D., of Massachusetts, consist of two gold medals, and are annually awarded to the two successful competitors, in a public contest held on Commencement Day. These prizes are awarded by a committee whom the Faculty selects for this purpose, and are publicly delivered at the close of the contest.

The Stoughton Prize, for excellence in the Latin Language and Literature, and the Elton Prize, for excellence in the Greek Language and Literature, founded by the Rev. Romeo Elton, D. D., of Exeter, England, consist of two gold medals, annually awarded to the best scholar and writer in each of these languages.

The Ruggles Prizes, for excellence in Mathematics, founded by Prof. William Ruggles, LL. D., consist of two gold medals, annually awarded to the best two scholars in the pure and applied Mathematics.

Any student entitled to a diploma in any school will be allowed to contend for the prize given in that department, provided he shall have pursued the required number of studies during the year, and shall have passed satisfactory examinations in the same.

PRIZES IN 1890-'91.

Two Staughton Prizes for excellence in the Latin Language and Literature were awarded, one to Miss MABEL NELSON THURSTON, of the District of Columbia and one to E. HILTON JACKSON, of Virginia, they having obtained the same mark in their examination.

The Elton Prize for excellence in the Greek Language and Literature was awarded to Miss MABEL NELSON THURSTON, of the District of Columbia.

The Ruggles Prize in Mathematics was awarded to Miss CORA E. DILL, of Iowa.

The First Davis Prize in Elocution and Composition was awarded to WILLIAM H. WILSON, of West Virginia.

The Second Davis Prize in Elocution and Composition was awarded to CHARLES L. FRAILEY, of the District of Columbia.

The Enosian Prize for Excellence in Debate was awarded to CHARLES G. COGLEY, of the District of Columbia.

The Prize for Proficiency in Parliamentary Law given by Prof. Gore, was awarded to GEORGE C. CALVERT, of Illinois.

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ORDERS OF THE COLLEGE YEAR.

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TERMS AND VACATIONS.

The College year, embracing nine months, is divided into two terms: The first term begins on the third Monday in September, and continues to the first of February. The second term begins on the first of February, and ends on the day of the Annual Commencement, which is held on the second Wednesday in June.

A vacation of eight days is given at Christmas, beginning on that holiday, and lasting until the next day after New Year's.

The 22d of February is observed as a College holiday.  
A recess is given from Good Friday to Easter Monday inclusive.

#### ANNUAL COMMENCEMENT.

The Annual Commencement of the College is held on the second Wednesday in June.

Public parts are assigned on Commencement Day to such students only as have passed a satisfactory examination for the degrees of Bachelor or Master of Arts, except as before indicated, in the case of those who may be contestants for the prize of Elocution.

A Latin Salutatory will be awarded to the graduate in each year whose average standing in all the Schools is the highest; and an English Salutatory to the student who stands second.

The Valedictory is awarded with special regard to the qualifications of the student as a Valedictorian, as well as on the ground of scholarship.

Philosophical, Classical, Scientific, Metaphysical, Ethical, Historical, or Literary Orations may be awarded to students who are eminent respectively in the corresponding Departments.

All the degrees of the College are publicly conferred on Commencement Day.

Diplomas in the several schools, and prizes for special excellence in any Department, are publicly delivered on the same day.

#### PUBLIC WORSHIP.

Prayers, accompanied by the reading of the Scriptures, are offered daily in the College Chapel. All students are expected to attend this service.

#### LIBRARY HOURS.

The College Library, to which large additions were made during the last year, is open every day from 9 o'clock A. M. to 1 o'clock P. M., and from 6 to 10 P. M., for purposes of study and inquiry, as also for the distribution of books. A reading-room provided with the leading reviews, periodicals, newspapers, etc., is maintained in connection with the Library for the use of students.

The Libraries of Congress and of the various Departments of the Federal Government are accessible to students for purposes of research in any special line of studies.

#### LITERARY SOCIETY.

The Enosinian Society, a literary association formed by the students of the College, meets weekly in its hall for the purpose of improvement in Debate and Composition.

#### LECTURES.

Courses of Lectures in Literature, Art and Science (comprising Lectures in English, French and German) are organized every year by the Faculty. These Lectures are open to all the classes, and to the public on application being made for a ticket of admission. Lectures on Science under the auspices of the Scientific Societies of Washington, whether delivered in the Lecture Hall of the United States National Museum or in the Lecture Hall of the University, are equally open to all students of the University.

#### GENERAL ORDERS.

Every student on entering the College is understood by that act to pledge a voluntary acquiescence in the rules and regulations prescribed by the Board of Trustees and Overseers, and by the Faculty acting under the authority of the Board.

Demerits are noted for unexcused absences from prayers or recitations, and when five unexplained absences are recorded against a student during any given month, the Faculty will inquire into the case.

A report of the student's standing in all his studies, including a record of all absences from lectures, recitations, or other public exercises of the College, will be rendered quarterly to parents or guardians.

The daily recitations of the College Classes are brought, as far as practicable, into the early portion of the day, closing generally at 1.15 o'clock P. M., and on Saturday at 11.15 o'clock A. M. The advantages of an attendance upon the débates of Congress, and upon lectures before various associations, are offered to students of the higher classes without detriment to proficiency in their studies.

## COLLEGE EXPENSES.

1. Admission Fee (paid but once, on entrance).....	\$10.00
2. Tuition for the year in three or more Schools.....	90.00
3. Tuition for the year in two Schools.....	70.00
4. Tuition for the year in one School.....	50.00
5. Laboratory work in Junior class (material).....	10.00

These charges cover all expenses, including public fuel, servants' wages, &c.

Bills are payable semi-annually, in advance.

The College provides no commons, but board may be procured in the city at such reasonable rates that the annual expenses of students need not exceed the sum of three hundred dollars.

## SCHOLARSHIPS.

The Kendall Scholarship, founded by the late Hon. Amos Kendall, and running for six years, two in the Preparatory School and four in the College, is annually conferred on the best scholar in the public High School. Students on this foundation pay semi-annually in advance a fee of eight dollars for public fuel, servants' wages, &c.

## The Corcoran Scientific School.

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The School of Science established by the Trustees and Overseers of the Columbian University, as a part of their University system of education, is called by the name of W. W. CORCORAN, in grateful recollection of his many benefactions to the University.

The exercises of the School begin on the first of October, and are held in the New University Building (southeast corner of Fifteenth and H streets), which has been constructed with special reference to the wants of the department.

Provision is made in the Corcoran Scientific School for general and for special courses of study.

The General Courses embrace schemes of studies in Literature, Science, Technology, leading respectively to the degree of Bachelor of Science, of Civil Engineer, Mechanical Engineer, Mining Engineer, &c., according to the scope and quality of the studies prescribed for each degree.

Under the head of Special Courses of Study, whether considered with reference to single studies or to arts embracing with specific studies a certain component part of the General Course, provision is made for instruction in Practical Astronomy, Geodesy, Electrical Engineering, Architecture, Analytical Chemistry in all its branches, Metallurgy, Assaying, Drawing in all its branches, &c., &c.

Students enjoy absolute freedom in the selection of studies, which, if judiciously exercised, will enable them to complete the entire course leading to a degree in *four years*.

In pursuit of this plan, instruction is offered by the Corcoran Scientific School in the following branches:

### ENGLISH.

PROF. SHUTE.

Rhetoric (Genung's). English Language (Meiklejohn's). Dissertations.  
Three hours per week.

Deductive Logic (Jevons'). Inductive Logic (Fowler). English Literature (Shaw's Complete Manual, edited by Dr. Smith). Dissertations. Three hours per week.

Modern History (Mackenzie). Two hours per week.

#### LATIN.

PROF. MONTAGUE.

FIRST YEAR.—Ovid; Livy; the Odes of Horace; Exercises; Latin Grammar; and the History of Rome.

SECOND YEAR.—The Satires and Epistles of Horace; Cicero De Senectute et De Amicitia; Selected Letters of Cicero; the Germania of Tacitus; Exercises; and Latin Grammar.

THIRD YEAR.—The Agricola and Histories of Tacitus; Seneca; Juvenal; Quintilian; Exercises; Latin Grammar; and the History of Roman Literature.

#### MATHEMATICS.

PROF. HODGKINS.

Algebra: Bowser's College Algebra. Three hours a week. Geometry: Wells' Plane and Solid Geometry. Two hours a week.

Trigonometry: Wells' Plane and Spherical Trigonometry. Three hours a week during first term. Analytic Geometry: Hardy's Analytic Geometry. Three hours a week during second term.

Calculus: Bowser's Differential and Integral Calculus. Two hours a week.

Classes in Quaternions, Determinants, Least Squares, and other advanced subjects will be formed when a sufficient number of students apply.

#### FRENCH.

PROF. LODGE.

The class is drilled in French pronunciation, grammar, and composition. Exercises in conversation. After some easy French by way of introduction, Histoire d'un Conscrit is read. Two hours a week.

Critical study of syntax. Dictation. Conversation. Le Cid, Histoire du Peuple Français, Esther, and Le Bourgeois Gentilhomme are read. Two hours a week.

Study of idioms. Frequent recitations in French. Composition of French essays. Conversation. Lectures on the development of the French language and literature. Selections from De Staël, Hugo, Sand, Lamartine, Sandea and Scribe. Two hours a week.

#### GERMAN.

PROF. SCHOENFELD.

Accurate Training in Elementary Grammar and Pronunciation. Exercises in Conversation. Translations into the Foreign Language. Classical Prose Reading for the second half of the year. Two hours a week.

**Exact Training in Syntax.** Composition and Translation into German. Selections from Classical Poetry and Prose from Lessing to Goethe's death. Two hours a week.

Lander's *Hauptschwierigkeiten der deutschen Sprache*. Frequent composition of German Essays and Literary Sketches. Critical Study of German Texts. Lectures on German History. History of German Literature to the present time. Two hours a week.

#### CHEMISTRY.

PROF. FRISTOE.

*Theoretical Chemistry*.—Inorganic or Organic. Three Lectures per week through the session. Text-Books: Barker's and Remsen's *Chemistries*.

*Laboratory Practice and Qualitative Analysis*.—About twelve hours per week for eight months. Text-Books: Clowes' *Qualitative Analysis*.

*Quantitative Analysis*.—Embracing Gravimetric and Volumetric Methods, for acids and bases, analysis of gases, of commercial organic products, as butter, milk, flour, sugar, oleomargarine, &c., as well as assaying and processes for extracting metals from their ores. About fifteen hours per week for eight months. Text-Book: Fresenius' *Quantitative Analysis*.

#### PSYCHOLOGY.

PROF. LODGE.

The method of instruction in this department is inductive, historical, and comparative. The results of recent researches along the lines of psycho-physics are announced and interpreted. Care is taken to define the relations of psychology to pedagogy. The course is supplemented by lectures, giving first a summary of ancient and mediaeval speculation, and then discussing the essential characteristics, the development, the influence, and the historic fruits of the philosophic systems of such typical thinkers as Descartes, Locke, and Kant.

Text-Books: Ladd's *Outlines of Physiological Psychology*. Porter's *Elements of Intellectual Science*. A wide course of parallel reading on the subject is required.

#### PHYSICS.

EXUM PERCY LEWIS.

General Physics, including Mechanics, Pneumatics, Hydrostatics, Hydrodynamics, Sound, Heat, Light, Magnetism, Electricity and its applications; all illustrated by suitable experiments. Two hours a week for one year.

A Class in Popular Astronomy. Two hours per week, for one term.

#### CIVIL ENGINEERING.

PROF. FAVA.

Descriptive Geometry (Warren); Construction of Buildings and Machines and Designing; Surveying and Field Practice. Five lectures and three hours' designing a week. Algebra and Geometry required.

Mechanics: Graphic Statics, Earthworks, Roads and Railroads, Canals, Rivers, and Harbors; Designing. Four lectures and eight hours' designing a week. Trigonometry, Analytic Geometry, and Physics required.

Strength of Materials; Engineering Plant; Masonry, Bridges and Tunnels; Iron Construction, Building Materials, and Metallurgy; Designing. Four lectures and ten hours' designing a week.

Architectural Drawing two hours per week.

#### DRAWING.

PROF. KING.

Mechanical Drawing, from samples and models. Two hours a week for one year.

Topographical Drawing and Projection. Two hours a week for one year.

#### MINERALOGY.

PROF. YEATES.

This course is divided into two classes.

1. A lecture course on Crystallography and general properties of minerals. Two hours per week for one year. Text-book, Dana.

2. A course in Blow-pipe Analysis for the determination of minerals. Four hours per week. Text-book, Brush.

#### GEOLOGY.

PROF. YEATES.

A course of lectures will be given on this subject, two hours per week, embracing Theoretical, Dynamical and Historical Geology, also excursions in the field. Text-book, Dana.

Classes will be formed in Anthropology, Astronomy, Biology, Botany, Geodesy and Meteorology when a sufficient number of students apply for instruction in those branches of Science.

#### CONSPECTUS OF STUDIES.

The following is the order in which it is recommended that the studies be taken by candidates for degrees.

FIRST YEAR.—Algebra, Geometry, Rhetoric, Dissertations, French, German, Chemistry, (lectures).

SECOND YEAR.—Trigonometry, Analytic Geometry, Physics, Logic, English Literature, French, German, Mechanical Drawing, Mineralogy, Civil Engineering (Descriptive Geometry, Construction, Designing).

THIRD YEAR.—Calculus, Astronomy, History, French, German, Topographical Drawing, Architectural Drawing, Qualitative Analysis, Civil Engineering (Mechanics, Graphic Statics, Roads and Railroads, Canals, Rivers and Harbors, Designing).

FOURTH YEAR.—Quantitative Analysis, Volumetric Analysis, Assaying, Metallurgy, Blow-pipe Analysis, Mental Philosophy, Moral Philosophy, Anthropology, Geology, Civil Engineering (Strength of Materials, En-

gineering Plant, Masonry, Bridges and Tunnels, Iron Construction, Building Material, Specifications and Designing).

#### CERTIFICATES, DIPLOMAS, AND DEGREES.

To the foregoing subjects a definite value or weight is assigned, the unit being, in general, one recitation a week for a year, with a satisfactory examination sustained at the close.

A student completing certain related branches of one department, and passing a satisfactory examination, will receive a Certificate of proficiency.

A student completing all the studies prescribed for any department of which the course extends over two or more years will receive a Diploma.

A student completing all the studies prescribed for any department of which the course extends over two or more years will receive a Diploma.

The degree of Bachelor of Science is conferred upon a student who successfully completes such courses as entitle him to a credit of sixty units.

The degree of Civil Engineer is conferred upon a student who successfully completes all the studies in the department of Civil Engineering together with such other subjects as shall give him a total credit of sixty units.

#### GRADUATE STUDIES.

If a sufficient number of students shall apply for instruction in advanced Studies, leading to the degree of Master of Science or Doctor of Science, arrangements will be made for them, as well as for graduate practice and original research in the laboratories.

#### REQUIREMENTS FOR ADMISSION.

Candidates for the degree of Bachelor of Science, Civil Engineer, or other full degree of the School must have a good knowledge of Arithmetic in all its branches, of Geography as taught in the best schools, English Grammar, Orthography and Composition, Elements of Algebra and Geometry.

In the case of students aiming to secure special proficiency in some single branch of Technology the requirements for admission will be less comprehensive, but no student will be admitted to any class without a competent knowledge of the English studies above mentioned.

No student will be admitted to any class until after

matriculation—that is, until after first reporting his name to the President or the Dean of the Faculty, and receiving the certificate of the financial Agent that the required tuition fees have been paid.

ANNUAL TUITION FEES.  
(Not including Laboratory Courses.)

For single courses of study in English Language and Literature . . . . .	\$30.00
Mathematics . . . . .	30.00
Mental and Moral Science . . . . .	30.00
General Chemistry . . . . .	30.00
General Physics . . . . .	30.00
Mechanical Drawing . . . . .	30.00
Topographical Drawing . . . . .	30.00
Architectural Drawing . . . . .	30.00
French . . . . .	30.00
German . . . . .	30.00
Psychology . . . . .	30.00
Geology . . . . .	30.00
Civil Engineering . . . . .	30.00
The total payment required, if several courses are selected, will not be more than . . . . .	90.00

The studies in the Chemical Laboratory will embrace three courses:

I.—Qualitative Analysis, embracing a well-arranged course of Chemical Manipulations, and a systematic course of analysis, extending through one year . . . . .	\$100.00
For Chemicals used . . . . .	25.00
Deposit (returnable) for apparatus injured . . . . .	25.00
II.—Quantitative Analysis, embracing Volumetric Analysis and other special methods, extending through one year . . . . .	100.00
For Chemicals used . . . . .	25.00
Deposit (returnable) for apparatus injured . . . . .	25.00
III.—Assaying of Ores and Bullion . . . . .	40.00
For Materials used . . . . .	20.00
Students wishing to take a short course of one term in Chemical Manipulation will be charged . . . . .	30.00
For Chemicals used . . . . .	10.00
Deposit (returnable) for apparatus injured . . . . .	10.00
For special laboratory work in connection with Physics, an additional charge is made of . . . . .	50.00
For special laboratory work in Mineralogy . . . . .	50.00
For Materials . . . . .	10.00
For designing in Civil Engineering . . . . .	20.00

For special technical instructions in Electrical Engineering, Microscopy, Blowpipe Analysis, Architecture, Meteorology, Drawing, etc., the tuition fees will be announced at the opening of the term, and will be determined, in part, by the number of students.

PRIZE.

The Willie E. Fitch Prize, for highest excellence in all branches of Chemistry, founded by James E. Fitch, Esq., in memory of his son, consists of Fifty Dollars, awarded annually, to the student passing the best examination in this Department.

All fees for full courses, or for courses in Analytical Chemistry and Assaying, are payable in monthly instalments, in advance. Fees for single or for special studies are payable in advance in half-yearly instalments. No deduction on account of absence will be made for any less time than a quarter of a year.

For additional information, application may be made to—

PROF. E. T. FRISTOE,  
*Dean of the Faculty.*

N. B.—Students who wish to pursue the study of Greek in connection with the other studies prescribed in the College Course for the degree of Bachelor of Letters, Bachelor of Arts, or Master of Arts, can do so on reporting their names to the President of the Faculty. Classes will be formed in this Department by the Rev. A. J. HUNTINGTON, D. D., Professor of Greek in the Columbian College.

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B.—Botany.	N. S.—Natural Science.
B'P.—Blowpipe.	PHIL.—Philosophy.
C.—Chemistry.	P.—Physiology.
C. E.—Civil Engineering.	PHYS.—Physics.
E.—English.	PSY.—Psychology.
F.—French.	TOP. DR.—Topographical Drawing.
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GER.—German.	
G.—Greek.	

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STUDENTS IN THE COLLEGE . . . . . 75

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A. B. Kenyon College, 1888.		
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STUDENTS IN THE CORCORAN SCIENTIFIC SCHOOL . . . . .		
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## RECAPITULATION.

Students of Law . . . . .	381
Students of Medicine . . . . .	151
Students of Dentistry . . . . .	33
Students in Arts and Sciences . . . . .	214
<hr/>	
Aggregate . . . . .	779
Students in the Preparatory School . . . . .	102
<hr/>	
Total . . . . .	881

# The Columbian University,

WASHINGTON, D. C.

Collegiate and Professional Instruction is given in the Columbian University in five departments: The COLUMBIAN COLLEGE, the NATIONAL MEDICAL COLLEGE, the SCHOOL OF DENTISTRY, the COLUMBIAN UNIVERSITY LAW SCHOOL, and the CORCORAN SCIENTIFIC SCHOOL.

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The Columbian University Law School has an undergraduate course of study in the elements of Law, leading to the degree of Bachelor of Laws, and a graduate course of study in Practice, leading to the degree of Master of Laws.

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Besides the foregoing higher departments, the University has under its management a Preparatory School, in which students are prepared for Business, for College, for the Military School at West Point, or for the Naval Academy at Annapolis.

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CATALOGUE

OF THE

LAW SCHOOL

OF

THE COLUMBIAN UNIVERSITY,

WASHINGTON, D. C.,

FOR THE ACADEMIC YEAR 1891 '92.

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WASHINGTON:  
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LAW SCHOOL

OF

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FOR THE ACADEMIC YEAR 1891-'92.

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Judge of Moot Court.

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No fee is charged for Matriculation, but at least one month's tuition must be paid in advance on registration. The register will be open for the enrollment of students on the first day of September. Seats in the Lecture Hall will be assigned to students in the order of their registration, but seats so assigned will be forfeited on the non-payment of monthly dues.

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The instructor of the Junior Class, aiming to secure for his pupils as thorough and accurate a knowledge of the law of *real and personal property*, of *contracts*, and of *crimes and misdemeanors*, as it is possible for them to attain within the brief period of a scholastic year, places in their hands, successively, *Blackstone's Commentaries*, *Kent's Commentaries*, *Parsons on Contracts*, and *Byles on Bills*, as text-books, to be carefully read and studied. He meets the class on Tuesday, Thursday and Saturday of each week. For each meeting a lesson of moderate length is assigned, and the lesson for the evening forms the subject of his lecture. In his lecture he reviews, illustrates and simplifies, as far as he can, the teachings of the lesson, shows how far, and in what particulars, the law contained in it has been repealed or modified, either by English or American statutes, or by the American common law; and tries to remove the doubt and uncertainties that are apt to trouble and perplex those entering for the first time upon the study of law. And to insure a careful reading of the lesson and proper attention to his lecture, he, at the close of the latter, questions the class upon the important points of each, and, by his catechetical analysis, reproduces and impresses upon the memories of his pupils the teaching of both lesson and lecture.

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PROF. MAURY.

(Assistant Attorney-General of the United States.)

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The special studies of the Senior year begin with Common Law Pleading, in which *Stephen on Pleading*, as edited by Tyler, is used as the text-book of the class. Next follow instructions on the Law of Evidence, with the first volume of *Greenleaf on Evidence* as a manual. To these succeed instructions in Equity Jurisprudence and Equity Pleading and Practice—*Smith's Manual of Equity* and *Mitford and Tyler's Pleadings and Practice in Equity* being the text-books used under these heads. The closing part of the course is occupied with the *Law of Partnership* considered in itself and in its relations to remedies afforded in Courts of Equity. And, because of their especial character, lectures are given on the remedies, Ejcements, Quo Warranto, Scire Facias, and Mandamus, as also lectures, by way of review, on Pleading and on Evidence, delivered at the close of the whole course.

The method of instruction pursued in this class is as follows: A lesson comprising a certain number of pages in the text-book is assigned to the class, and on the subject-matter of this lesson the Professor, at his next meeting, lectures according to the requirements of the case. At the next meeting he examines the class on the text and lecture of the preceding meeting, using for this purpose carefully-written questions, and calling up indiscriminately the members of the class. In this way the students are trained to reproduce with readiness and accuracy the principles they have learned both from the text-books and the lectures of the Professor.

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PROFESSOR WELLING.

After a discussion of International Law in its nature, foundation, and distinctive quality, as exhibited in its genetic ideas and in the laws of its historical growth, it is sought to give a brief exposition of the fundamental principles which constitute the body of this supreme jurisprudence, with their most important applications alike to the conduct of nations and the conduct of individuals.

These Lectures are open to both the graduate and the undergraduate classes of the School.

## LECTURES ON THE CIVIL LAW.

The Hon. EDWARD EDMUND BERMUDEZ, LL. D., Chief Justice of the Supreme Court of Louisiana, has been invited to deliver a special course of Lectures on the Civil Law, and has consented to do so whenever his official engagements shall permit him to visit Washington for that purpose. In the absence of Chief Justice Bermudez the course will be delivered by Professor G. H. EMMOTT, Professor of Comparative Jurisprudence in the Johns Hopkins University.

## LAW OF PATENTS.

PROFESSOR SIMONDS.

The Hon. WILLIAM E. SIMONDS, U. S. Commissioner of Patents, delivers a course of lectures on the Law of Patents, in which, after tracing the origin and growth of our Federal Patent system, he discusses as far as practicable the nature of Patent Property and the general nature of Patent Practice considered in its special modes of procedure.

## LIBRARY AND READING-ROOM.

A Law Library, comprising the works of standard text-writers, the British and American Reports, books of reference, etc., is open for purposes of study and consultation daily from 9 o'clock A. M. to 10 o'clock P. M. Attached to the Library is a reading-room, supplied with Law Reviews and Law Periodicals, as well as with other leading reviews and periodicals in science and literature.

## SOCIETIES FOR LEGAL DEBATE AND STUDY.

A Debating Society is organized by students of the School for purposes of investigation, discussion, and practice in

parliamentary law. This Society holds public exercises under the auspices of the University at the close of each scholastic year. Special classes ("Quiz clubs") are also formed for purposes of associated study.

#### SPECIAL FACILITIES.

The City of Washington furnishes special facilities to the law student. The Law Library of Congress and of the United States Supreme Court, comprising the largest collection of law books in the country, is open to all who wish to examine any authority or to take notes from any book of reference in ancient or modern jurisprudence. The different methods of judicial procedure can here be studied not only in the Common Law Courts and Federal Courts of the District of Columbia, but also in the Court of Claims and in the Supreme Court of the United States. The Patent Laws, the Land Laws, and the Pension Laws of the United States are here administered in the Executive Bureaus of the Government.

#### EXAMINATION AND GRADUATION.

All candidates for graduation are required to pass a general examination, at the end of the course, on all the studies of the two years, in the presence of the Faculty and of such committee as the Trustees of the University may appoint. This examination is conducted upon printed questions, which are answered by each student in writing.

The degree of Bachelor of Laws is granted to students who, having passed both years of the prescribed course in the School, or who, on presenting credentials of equivalent study for the first year in some law college or office, and passing the second year in the School, shall sustain a satisfactory examination in all the studies of both the Junior and Senior classes.

The time spent in the Law School of the University is counted as part of the period of study required for admission to the bar of the Supreme Court of the District of Columbia.

#### PRIZES.

A prize of \$100, called "The Parker Prize," in honor of its donor, Myron M. Parker, Esq., is awarded to the student who passes in each year the best examination for the degree of Bachelor of Laws.

A prize of \$50, called "The Britton Prize," in honor of its

founder, Alexander T. Britton, Esq., is awarded to the student who passes in each year the best examination for the degree of Master of Laws.

Three prizes, one of \$40, one of \$30, and one of \$20, are annually given to the respective authors of the best three essays among all those handed in by such members of the Senior Class as shall compete for them and shall pass a successful examination for the degree of Bachelor of Laws.

Two prizes for excellence in debate are awarded by the Debating Society.

#### PRIZE-MEN IN 1890-91.

Parker Prize, FREDERIC CARRAGAN, of New Jersey.

Britton Prize, EDWARD S. HOSMER, of Maryland.

First-Essay Prize, ISAAC FROHMAN, of California.

Second-Essay Prize, THOS. A. WITHERSPOON, of Tennessee.

Third-Essay Prize, FRANK C. TOWNSEND, of the District of Columbia.

First Debater's Prize, AMBROSE F. DUDLEY, of Kentucky.

Second Debater's Prize, WILLIAM H. STOVALL, of Tennessee.

In the award of the Parker Prize, J. BRADLEY TANNER, of New York; A. D. ANDREWS, of New York; N. LANDON BURCHELL, of the District of Columbia, and Z. D. PATTERSON, of Michigan; and in the award of the Britton Prize, HARRY ENGLISH, of Maryland; JAS. T. GIBBS, of Kentucky, and ARTHUR L. BRYANT, of the District of Columbia, received Honorable Mention.

#### COMMENCEMENT.

The degrees are publicly conferred, and the prizes delivered at the annual commencement of the Law Department, when, in connection with other appropriate exercises, an address is delivered to the graduating class by an eminent member of the bar whom they and the Faculty may have selected for that purpose.

#### EXPENSES.

The entire charge for tuition, lectures, and all the facilities of the School is *eighty dollars* for a single year, or *one hundred and fifty dollars* for two scholastic years, payable in advance, half yearly, or in monthly installments, at the option of students. Students who devote three years or

more to the preparation for graduation may have this privilege by the payment of *two hundred dollars* for the entire course. If a student shall, for any cause, intermit the studies of either his first or his second year at any point before graduation, the payments he may have made during either or both of these years will not work exemption from the regular monthly dues of any subsequent year on which he may attend the School; but it shall always be open to him to profit by the benefits of the three years' rule. A charge of *two dollars* is made for diplomas.

Students from abroad can secure Board at reasonable prices.

Graduates of the School are admitted to all lectures of the undergraduate course in subsequent years without charge.

#### GRADUATE COURSE IN PRACTICE.

The Graduate course of instruction in Common Law Practice and in Equity Pleadings and Practice, designed to show the application of the principles of law to the transaction of business life and to the actual proceedings of courts is conducted by Professors MAURY, DAVIS and JOHNSON, as a supplement to the undergraduate course of the Law School.

In the Common Law Branch the students use, under the direction of Prof. DAVIS, a work on Practice prepared by Professor Cox, after which they are exercised in the conduct and trial of causes, and thus taught to apply their theoretical learning in pleadings, practice, and evidence. In connection with this course it is intended that they shall also study some such work as *Archbold's Law of Nisi Prius*. During more than half the term the exercises are those of a *Nisi Prius* Moot Court, presided over by Professor WILLIAM G. JOHNSON, LL. M., a member of the Washington bar, and a graduate of the Columbian University Law School.

In the Equity Branch the students are instructed by Professor MAURY in the general principles of equity pleadings, and in the mode of conducting an equity case. The text-book employed will be *Mitford and Tyler's Equity Pleading and Practice*.

In addition to the instruction in legal and equitable procedure, Professor MAURY delivers a special course of lectures

on the jurisdiction, practice, and peculiar jurisprudence of the Courts of the United States.

Candidates for admission to the Graduate course are required to furnish evidence that they have been diligent and successful students of law for the term of two years. Diplomas of respectable law schools, certifying that their holders have been graduated after such a term of study, will be received as evidence of qualification for admission to the course. At the end of the course all such students who shall sustain a satisfactory examination in its instructions and exercises will be entitled to a diploma admitting them to the degree of Master of Laws. Students who have pursued a two years' term of study in a lawyer's office will also be admitted to the course, on presenting a certificate of the fact from a lawyer under whose direction they may have studied; but such students, if aspiring to the degree of Master of Laws, will be required, as a condition of receiving it, to sustain a satisfactory examination for the degree of Bachelor of Laws as well as for the degree of Master of Laws.

The tuition fee for this course, covering a period of nine months, is *twenty-five dollars*. It does not carry with it the privilege of attending the Lectures of the undergraduate course, except in the case of students who are graduates of the School.

#### LECTURES ON CRIMINAL LAW AND PROCEDURE.

The Hon. ANDREW C. BRADLEY, Associate Justice of the Supreme Court of the District of Columbia, delivers a series of Lectures on Criminal Law and Criminal Procedure. These lectures will be supplementary to the fourth book of Blackstone, and will show to what extent the principles, in regard to public wrongs, laid down by Blackstone are applicable in this country at the present day, and will treat particularly of other principles and of offences which are either not discussed by Blackstone, or do not receive from him the attention which their importance in later times requires.

The Lectures upon Criminal Procedure will treat of pleading and practice in criminal cases, and in discussing the procedure at the trial of criminal cases the difference between criminal and civil practice in regard to the rules of evidence will be pointed out.

The Course is open to all the classes of the School.

## LECTURES ON LEGAL BIBLIOGRAPHY.

The Hon. AUGUSTUS S. WORTHINGTON, sometime U. S. District Attorney for the District of Columbia, delivers a short course of lectures on the comparative value of various English and American reports, and on the use of authorities in court.

The Course is open to all the classes of the School.

## LECTURES ON PRACTICAL COMMERCIAL LAW.

WILLIAM F. MATTINGLY, Esq., a member of the bar of the District of Columbia, will deliver a special course of Lectures upon questions constantly arising in business life, in banking, in the use of commercial paper, and in the purchase and sale of merchandise, as illustrated by study of actual cases.

The Course is open to all the classes of the school.

## LECTURES ON THE HISTORY OF LAW.

Professor HENRY E. DAVIS, A. M., LL. M., will deliver a course of Lectures giving a general view of the Origin of the English Law and its Development in England and the United States.

The Course is open to all the classes of the School.

## STUDENTS OF LAW.

## GRADUATE CLASS IN PRACTICE.

Name.	Residence.
+ R. J. F. ALLEN . . . 1229 0	West Virginia. LL. B., Columbian University, 1891.
LUKE BAKER . . .	Pennsylvania.
E. S. BARTLETT . . .	Maine. A. M., Bowdoin, 1888. LL. B., Columbian University, 1891.
* W. M. O. BELT . . .	District of Columbia. LL. B., Columbian University, 1891.
* J. H. BRICKENSTEIN . . . 1310 - 19	Pennsylvania. M. S., Princeton. LL. B., Georgetown University, 1891.
+ N. LANDON BURCHELL . . . 1325 T	District of Columbia. A. M., Columbian University, 1883. LL. B., Columbian University, 1891.
+ J. H. CAMPBELL . . . Sept. Justice	Illinois. LL. B., Columbian University, 1891.
J. G. COHEN . . .	District of Columbia. LL. B., Columbian University, 1891.
JOHN COKER . . .	Illinois. LL. B., Columbian University, 1891.
+ JAMES J. CORRIDON . . . 13 Grant St	Virginia. LL. B., Columbian University, 1891.
+ J. B. CRALLÉ . . . 108. 0	District of Columbia. LL. B., Columbian University, 1887.
+ PAUL H. CROMELIEN . . . 1211 N. J Ave	District of Columbia. LL. B., Columbian University, 1891.
+ GEORGE F. CURTIS . . . 545. Tela Ave	District of Columbia. LL. B., Georgetown University, 1889. LL. M., Georgetown University, 1890.
GEORGE B. DALRYMPLE . . .	District of Columbia. LL. B., Columbian University, 1890.
+ GEORGE B. DAVIS. (D) . . . 822 8	Massachusetts. LL. B., Columbian University, 1891.
* CLARENCE E. DAWSON . . . 2931-16	District of Columbia. LL. B., Columbian University, 1891.
* CLARENCE W. DE KNIGHT . . . 1416 T	District of Columbia. LL. B., Columbian University, 1891.
* W. G. DOOLITTLE . . . Pittsburgh, Pa	District of Columbia. LL. B., Cornell University, 1891.
ARTHUR S. DUDLEY . . .	Wisconsin. Ph. B., Kenyon College, 1886. LL. B., Columbian University, 1889.
HORACE B. DURANT . . .	Ohio. LL. B., Columbian University, 1891.
* EDWARD H. EAKLE . . . 239-10 N. 6	Colorado. LL. B., Columbian University, 1891.

Name.	Residence.
* R. F. ELLIOTT 602 <i>F</i>	Pennsylvania.
LL. B., Columbian University, 1891.	
+ WM. L. ELTERICH . . . 472 <i>La Ave</i> . . .	District of Columbia.
A. M., University of Erlangen, Bavaria, 1861.	
LL. B., Columbian University, 1891.	
+ HENRY H. FLATHER . . 901 <i>E. N.C</i> . . .	Maryland.
LL. B., Columbian University, 1891.	
CYRUS P. FLICE . . . . .	Ohio.
LL. B., Georgetown University, 1888.	
E. ALLEN FROST . . . . .	Pennsylvania.
A. B., Waynesburg College, 1889.	
LL. B., Columbian University, 1891.	
T. K. DE GRAFFENREID . . . . .	Georgia.
LL. B., Columbian University, 1891.	
H. F. GRIFFIN . . . . .	North Carolina.
A. M., Judson College, 1889.	
LL. B., Columbian University, 1891.	
A. B. HALL . . . . .	Michigan.
LL. B., Columbian University, 1886.	
* PORTER D. HASKELL . . <i>Patent O</i> . . .	Michigan.
Graduate United States Naval Academy, 1880.	
LL. B., Columbian University, 1891.	
+ ALLAN J. HOUGHTON . . 2618 <i>JX</i> . . .	District of Columbia.
GEORGE MERLIN HULL . . . . .	Wisconsin.
LL. B., De Pauw University, 1890.	
+ MATEO H. JEPPER . . 1333 <i>Q</i> . . . . .	Venezuela.
LL. B., Columbian University, 1891.	
J. CLAUDE KEIPER . . 918 <i>B.S</i> . . . . .	Pennsylvania.
LL. B., Columbian University, 1891.	
+ JOHN M. LACKEY . . . . 1417 <i>g</i> . . .	District of Columbia.
LL. B., Columbian University, 1891.	
+ WHARTON E. LESTER . . . 458 <i>La Ave</i> . . .	Maryland.
LL. B., Columbian University, 1891.	
+ FULTON LEWIS . . 1405 <i>F</i> . . . . .	Maryland.
LL. B., Columbian University, 1891.	
JAMES H. LIGHTFOOT . . <i>Takoma, Md</i> . . .	Virginia.
LL. B., Columbian University, 1891.	
ALEXANDER McARTHUR . . . . .	Illinois.
LL. B., Columbian University, 1891.	
CHARLES S. MCCOY . . . . .	Illinois.
A. B., Franklin College, 1887.	
A. M., Franklin College, 1890.	
LL. B., Columbian University, 1891.	
C. W. MCKAY . . . . .	West Virginia.
H. S. MCKNIGHT . . . . .	West Virginia.
LL. B., Columbian University, 1891.	
* CHARLES E. McNABB . . 913 <i>Westminster</i> . .	Maryland.
LL. B., Columbian University, 1891.	

Name.	Residence.
W.M. B. MATHEWS . . . . .	West Virginia.
A. M., Waynesburg College, 1889. LL. B., Columbian University, 1891.	
JAMES MAYNARD . . . . .	Tennessee.
LL. B., Columbian University, 1885.	
+ W. A. MEARNES . . . . .	Pennsylvania.
LL. B., Columbian University, 1891.	
✓ T. PERCY MYERS . . . . .	District of Columbia.
LL. B., Columbian University, 1891.	
+ HARRY TURNER NEWCOMB . . . . .	Michigan.
LL. B., Columbian University, 1891.	
HARRY W. NEWTON . . . . .	District of Columbia.
LL. B., Columbian University, 1891.	
JARVIS P. O'BRIEN . . . . .	New York.
LL. B., Columbian University, 1891.	
HOWARD P. OKIE . . . . .	Colorado.
HENRY L. PARKER, JR. . . . .	Massachusetts.
LL. B., Columbian University, 1891.	
ZERA D. PATTERSON . . . . .	Michigan.
LL. B., Columbian University, 1891.	
+ J. VAN NESS PHILIP . . . . .	District of Columbia.
LL. B., Columbian University, 1891.	
* HENRY W. REED . . . . .	District of Columbia.
LL. B., Columbian University, 1891.	
+ LAWRENCE O. ROBBINS . . . . .	New York.
LL. B., Columbian University, 1891.	
WM. N. SAYRE . . . . .	Oregon.
LL. B., Columbian University, 1888.	
J. HARRISON SMITH . . . . .	Ohio.
LL. B., Columbian University, 1891.	
WM. M. SNELL . . . . .	Michigan.
Ph. B., Albion College, 1887.	
+ EDWARD W. SPALDING . . . . .	District of Columbia.
LL. B., Columbian University, 1890.	
* OTIS D. SWETT . . . . .	Illinois.
LL. B., Columbian University, 1891.	
* FRANK C. TOWNSEND . . . . .	District of Columbia.
LL. B., Columbian University, 1891.	
+ IRVING U. FOWNSEND . . . . .	New York.
LL. B., Columbian University, 1891.	
* FRANCIS W. VAUGHN, JR. . . . .	District of Columbia.
LL. B., Columbian University, 1891.	
* ALFRED A. WHEAT . . . . .	New Hampshire.
A. B., Dartmouth, 1889. LL. B., Columbian University, 1891.	
+ L. PREVOST WHITAKER . . . . .	District of Columbia.
LL. B., Columbian University, 1891.	
GEORGE L. WILKINSON . . . . .	Missouri.
B. S., Columbian University, 1888. LL. B., Columbian University, 1891.	

Name.	Residence.
J. EDWARD WILLIAMS . . . . .	New Hampshire.
LL. B., Columbian University, 1891.	
STEVE W. WILLIAMS . . . . .	South Carolina.
B. S., Furman University, 1885.	
LL. B., Columbian University, 1891.	
J. LOUIS WILLIGE . . . . .	District of Columbia.
LL. B., Georgetown University, 1890.	
HENRY F. WOODWARD . . . . .	District of Columbia.
LL. B., Columbian University, 1891.	
GRADUATE STUDENTS . . . . .	71

## UNDERGRADUATE STUDENTS OF LAW.

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### SENIORS.

JOHN B. ABBOTT . . . . .	New Hampshire.
H. C. ADAMS . . . . .	Illinois.
C. A. AIKEN . . . . .	Illinois.
CHARLES S. ALBERT . . . . .	Pennsylvania.
PERRY ALLEN . . . . .	Massachusetts.
C. N. ANDERSON . . . . .	Mississippi.
B. S., A. and M. College of Mississippi, 1889.	
J. W. ANDERSON . . . . .	Pennsylvania.
G. C. AUKAM . . . . .	District of Columbia.
EDWARD F. AYERS . . . . .	Connecticut.
A. B., Yale, 1888.	
A. M., Yale, 1890.	
E. E. BARTON . . . . .	Kentucky.
HENRY P. BLAIR . . . . .	New Hampshire.
A. B., Dartmouth, 1889.	
F. B. BOURN . . . . .	Rhode Island.
J. C. BOWEN . . . . .	Michigan.
WM. DU VAL BROWN . . . . .	District of Columbia.
J. H. BRUNEMER . . . . .	Missouri.
GRANT BURROUGHS . . . . .	District of Columbia.
CHARLES N. BUTLER . . . . .	Pennsylvania.
C. E., Lehigh, 1888.	
E. N. BUTTS . . . . .	New York.
THADDEUS CAHILL . . . . .	Ohio.
WALTER N. CAMPBELL . . . . .	Michigan.
L. N. CHARLES . . . . .	Indiana.
W. F. CLYBORNE . . . . .	California.
WARD B. COE . . . . .	South Carolina.
A. B., College of Charleston, S. C., 1890.	

CHARLES F. CONSAUL . . . . .	Michigan.
ARTHUR COPELAND . . . . .	District of Columbia.
J. A. DAVIDSON . . . . .	New York.
W. C. DAVIS . . . . .	Kentucky.
WALTER W. DAVIS . . . . .	Kansas.
E. W. DEKNIGHT . . . . .	District of Columbia.
F. C. DEZENDORF . . . . .	Virginia.
VICTOR L. DODGE . . . . .	Iowa.
GEORGE W. DREW . . . . .	District of Columbia.
E. L. EUSTAPHIEVE . . . . .	Virginia.
H. B. EXLINE . . . . .	Indiana.
G. M. FAGUE . . . . .	District of Columbia.
E. H. FAIRBANKS . . . . .	Massachusetts.
B. S., Worcester Polytechnic Institute, 1887.	
L. H. FENNEY, JR. . . . .	Virginia.
THEODORE C. FENTON . . . . .	Pennsylvania.
Graduate United States Naval Academy.	
MYRON D. FETHERS . . . . .	New York.
HOWARD W. FITZ . . . . .	Rhode Island.
D. K. FITZHUGH . . . . .	Texas.
C. EUGENE FOOTE . . . . .	Ohio.
RICHARD A. FORD . . . . .	South Carolina.
P. J. GALLIGAN . . . . .	Iowa.
A. I. GARDNER . . . . .	Massachusetts.
B. S., Worcester Polytechnic Institute, 1889.	
A. H. GILES . . . . .	New York.
F. L. GRAHAM . . . . .	Montana.
ALEXANDER GRANT . . . . .	Michigan.
J. COLFAX GRANT . . . . .	Minnesota.
B. S., University of Minnesota, 1890.	
CHARLES J. GROSECLOSE . . . . .	Virginia.
A. B., Roanoke College, 1882.	
*RAY GUSTIN . . . . .	Pennsylvania.
Wm. M. HARDCastle . . . . .	Maryland.
FREDERICK B. HARTZELL . . . . .	New York.
B. S., Lafayette College, 1890.	
HENRY HAWXHURST . . . . .	District of Columbia.
FRANK HAYDEN . . . . .	West Virginia.
R. HAYDEN . . . . .	West Virginia.
HENRY A. HAYWARD . . . . .	Minnesota.
MELVILLE D. HENSEY . . . . .	District of Columbia.
R. G. HIGDON . . . . .	Kentucky.
D. HIGGINS . . . . .	Utah.
J. A. HIGLEY . . . . .	New York.
A. G. HILL . . . . .	New York.
PERCY B. HILLS . . . . .	District of Columbia.

H. STANLEY HINRICHES . . . . .	District of Columbia.
JAMES C. HOOE . . . . .	Virginia.
HARRY P. HUDDLESON . . . . .	Missouri.
E. HILTON JACKSON . . . . .	Virginia.
A. B., Columbian University, 1891.	
G. SHERMAN JAMES . . . . .	District of Columbia.
H. A. JETMORE . . . . .	Kansas.
WILLIAM JOHNS . . . . .	Minnesota.
ERNEST W. JONES . . . . .	Ohio.
J. FRED. KELLEY . . . . .	District of Columbia.
E. W. KEPNER . . . . .	Illinois.
E. B. KIMBALL . . . . .	District of Columbia.
JOHN E. LASKEY . . . . .	District of Columbia.
F. C. LAWYER . . . . .	District of Columbia.
JESSE B. K. LEE . . . . .	District of Columbia.
WALTER I. LEMBKEY . . . . .	Pennsylvania.
R. L. LERCH . . . . .	Ohio.
W. H. LEWIS . . . . .	New Mexico.
ALVAN MACAULEY . . . . .	West Virginia.
J. B. MACAULEY . . . . .	West Virginia.
A. B., Johns Hopkins, 1888.	
R. L. MADDOX . . . . .	Kentucky.
O. M. MATHER . . . . .	Kentucky.
GEORGE H. MAXWELL . . . . .	New York.
A. B., Syracuse University, 1888.	
A. M., Syracuse University, 1891.	
J. H. McELROY . . . . .	Illinois.
A. M., De Pauw University, 1891.	
W. J. McGAVERN . . . . .	New York.
F. W. McREYNOLDS . . . . .	Indiana.
E. S. MERRILL . . . . .	Maine.
J. BARTON MILLER . . . . .	District of Columbia.
A. E. H. MIDDLETON . . . . .	South Carolina.
F. M. P. MONTAGUE . . . . .	Virginia.
JOHN D. MORGAN . . . . .	Washington.
KOTA NAKAHARA . . . . .	Japan.
EDWARD GRANT NILES . . . . .	District of Columbia.
B. S., Maryland Agricultural College, 1890.	
RICHARD NIXON . . . . .	Louisiana.
J. H. O'BRIEN . . . . .	New York.
G. R. OGDEN . . . . .	District of Columbia.
WHITMAN OSGOOD . . . . .	Illinoian.
GEORGE W. OTIS . . . . .	Minnesota.
ROBERT E. PARKER . . . . .	California.
M. C. PATTERSON . . . . .	Tennessee.
B. KENNON PETER . . . . .	District of Columbia.

F. M. PHILLIPS . . . . .	District of Columbia.
SAMUEL N. POND . . . . .	Connecticut.
A. B., Yale, 1889.	
CHARLES BENTON POWER . . . . .	Montana.
A. B., Columbia College 1891.	
J. C. PRICE . . . . .	District of Columbia.
A. H. PROCTOR . . . . .	District of Columbia.
CHARLES L. PYNE . . . . .	Maine.
FRANK RANDOLPH . . . . .	Wisconsin.
CHARLES A. RHETTS . . . . .	Indiana.
A. B., Indiana State University, 1889.	
C. R. RICHARDS . . . . .	Massachusetts.
A. B., Boston University, 1888.	
A. L. RICHARDSON . . . . .	District of Columbia.
MARTIN A. RYAN . . . . .	Pennsylvania,
A. J. SALMON . . . . .	Pennsylvania.
A. B., Lafayette College, 1890.	
G. W. SAMPSON . . . . .	New York.
A. B. Adrian College, 1885.	
WILLIAM J. SANDOZ . . . . .	Louisiana.
FRANK H. SHILEY . . . . .	New York.
CARROLL W. SMITH . . . . .	District of Columbia.
J. W. F. SMITH . . . . .	District of Columbia.
LINCOLN B. SMITH . . . . .	Wisconsin.
Ph. B., Beloit College, 1891.	
FABER STEVENSON . . . . .	Ohio.
J. B. SWARTZ . . . . .	Pennsylvania.
J. W. SWARTZ . . . . .	Pennsylvania.
H. L. SWEET . . . . .	Vermont.
T. C. THOMAS . . . . .	Ohio.
E. G. THOMPSON . . . . .	District of Columbia.
R. L. THOMPSON . . . . .	Minnesota.
AUG. B. TOLMAN . . . . .	Massachusetts.
A. F. TOWNER . . . . .	New York.
W. K. TRIMBLE . . . . .	Illinois.
CLARENCE VAN DUZER . . . . .	Nevada.
E. O. WAGENHURST . . . . .	Pennsylvania.
GEORGE H. WALKER . . . . .	Ohio.
FRANK C. WALLACE . . . . .	Virginia.
VICTOR H. WALLACE . . . . .	Georgia.
W. U. WATSON . . . . .	Iowa.
T. S. WHITE . . . . .	Maryland.
WM. H. WILSON . . . . .	West Virginia.
ADOLPHUS G. WOLF . . . . .	District of Columbia.
A. B., Johns Hopkins, 1890.	
A. L. WOOD . . . . .	New Jersey.

ROBERT E. WOODS . . . . .	Kentucky.
A. B., Kentucky Military Institute, 1885.	
A. M., Hartford College, 1889.	
H. S. WOODWARD . . . . .	District of Columbia.
W. S. WOODWORTH . . . . .	Virginia.
JOHN McCLELLAND WORK . . . . .	Iowa.
A. B., Monmouth College, 1891.	
RALPH WORMELLE . . . . .	District of Columbia.
FRANCIS D. YATES . . . . .	South Carolina.

SENIORS . . . . . 147

#### JUNIORS.

CHARLES H. ALLENDER . . . . .	England.
T. H. ANDERSON . . . . .	Kentucky.
J. DEWITT ARNOLD . . . . .	District of Columbia.
FRANK L. ATTWELL . . . . .	Virginia.
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H. J. BARRETT . . . . .	District of Columbia.
H. A. BENNER . . . . .	District of Columbia.
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THOMAS P. BORDEN . . . . .	District of Columbia.
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J. W. BYLER . . . . .	Missouri.
GEORGE F. CAHILL . . . . .	Ohio.
WM. I. CAMPBELL . . . . .	District of Columbia.
U. S. CATLETT . . . . .	Tennessee.
W. J. CLARK . . . . .	Alabama.
S. H. COBB . . . . .	Massachusetts.
B. S., Massachusetts Institute of Technology, 1888.	
A. M. COLLINS . . . . .	Virginia.
A. V. CUSHMAN . . . . .	Massachusetts.
GEORGE F. DAGGETT . . . . .	Maine.
F. E. DENNETT . . . . .	Maine.
A. B., Bowdoin College, 1890.	
F. L. DENNIE . . . . .	North Dakota.
Wm. B. DE PUE . . . . .	Michigan.
C. HERBERT DEWEY . . . . .	New York.
JOHN JOY EDSON, JR. . . . .	District of Columbia.
J. WM. ELLIS . . . . .	New York.
H. E. EVANS . . . . .	Kentucky.
F. DEC. FAUST . . . . .	District of Columbia.

J. H. FEASTER . . . . .	Arkansas.
L. H. FENNEY, JR. . . . .	Virginia.
CHARLES S. FETTIS . . . . .	Louisiana.
JAMES A. FINCH . . . . .	New York.
ALBERT F. FLINT . . . . .	District of Columbia.
CHARLES L. FRAILEY . . . . .	Massachusetts.
A. B., Columbian University, 1891.	
PAUL T. GADSDEN . . . . .	South Carolina.
A. M., University of the South, 1891.	
CHARLES D. GEDDES . . . . .	Minnesota.
W. G. GIDEON . . . . .	Missouri.
GEORGE I. GILBERT . . . . .	Illinois.
A. B., Doane College, 1890.	
HORACE D. GOODALE . . . . .	New York.
O. W. GOODWIN . . . . .	Wisconsin.
M. LE ROY GOUGH . . . . .	District of Columbia.
FRED. GRAY . . . . .	District of Columbia.
H. M. GUNDERSON . . . . .	Wisconsin.
WM. E. HARVEY . . . . .	Missouri.
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J. WM. HENRY . . . . .	Maryland.
GEORGE J. HESSELMAN . . . . .	Illinois.
MYRON F. HILL . . . . .	Massachusetts.
A. B., Harvard, 1890.	
A. M., Haverford, 1891.	
C. L. HIMEBAUGH . . . . .	Michigan.
STANLEY HINRICKS . . . . .	Maryland.
FRANK H. HITCHCOCK . . . . .	Massachusetts.
A. B., Harvard, 1891.	
RANDOLPH D. HOPKINS . . . . .	District of Columbia.
C. E. HOWE . . . . .	Pennsylvania.
MALCOLM HUFTY . . . . .	Virginia.
A. L. JACKSON . . . . .	Texas.
SYDNEY R. JACOBS . . . . .	Wisconsin.
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LOUIS G. JULIHN . . . . .	District of Columbia.
WALTER P. KEENE . . . . .	Maine.
WM. H. KELLER . . . . .	Pennsylvania.
A. B., Franklin and Marshall College, 1891.	
W. MAURICE KELLY . . . . .	District of Columbia.
A. B., Princeton, 1891.	
MESSMORE KENDALL . . . . .	Colorado.
F. H. KISER . . . . .	Wisconsin.

NORMAN L. KING . . . . .	District of Columbia.
ARTHUR F. KINNAN . . . . .	Texas.
B. S., Michigan Agricultural College, 1883.	
H. LEE LANDERS . . . . .	Maryland.
FRANK P. LEETCHI . . . . .	District of Columbia.
B. P. LEGARE . . . . .	South Carolina.
B. S., Hobart College, 1888.	
H. D. LIPSCOMB . . . . .	Tennessee.
J. T. MACEY . . . . .	New York.
WALKER D. MACLEAN . . . . .	Illinois.
A. B., Columbian University, 1891.	
J. T. MANIER . . . . .	Mississippi.
B. S., A. and M. College of Mississippi, 1889.	
W. S. MAPLE . . . . .	Indiana.
T. R. MARTIN . . . . .	District of Columbia.
R. BOWMAN MATTHEWS . . . . .	Louisiana.
MARCUS B. MAY . . . . .	District of Columbia.
CHARLES L. McCAWLEY . . . . .	District of Columbia.
F. G. MAULDIN . . . . .	South Carolina.
Graduate of United States Military Academy, 1890.	
LLOYD T. MEEDS . . . . .	District of Columbia.
GEORGE W. MEIGS . . . . .	District of Columbia.
A. E. MENOCAL . . . . .	District of Columbia.
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FRED. O'CONNELL . . . . .	Vermont.
U. G. PERRY . . . . .	Pennsylvania.
W. A. PLESS . . . . .	Tennessee.
J. G. POLLARD . . . . .	Virginia.
J. C. POWELL . . . . .	Maryland.
Ph. B., Yale, 1890.	
JOHN P. PRYOR . . . . .	Texas.
F. U. VON PUTTKAMER . . . . .	Connecticut.
JOHN QUINN . . . . .	Ohio.
HOWARD S. REESIDE . . . . .	Pennsylvania.
EUGENE RHODES . . . . .	Kansas.
E. N. RICHARDS . . . . .	Maryland.
E. S. ROCKWELL . . . . .	New York.
LOUIS A. ROSAFY . . . . .	North Carolina.
W. S. RUCKMAN . . . . .	Michigan.
B. S., University of Michigan, 1887.	

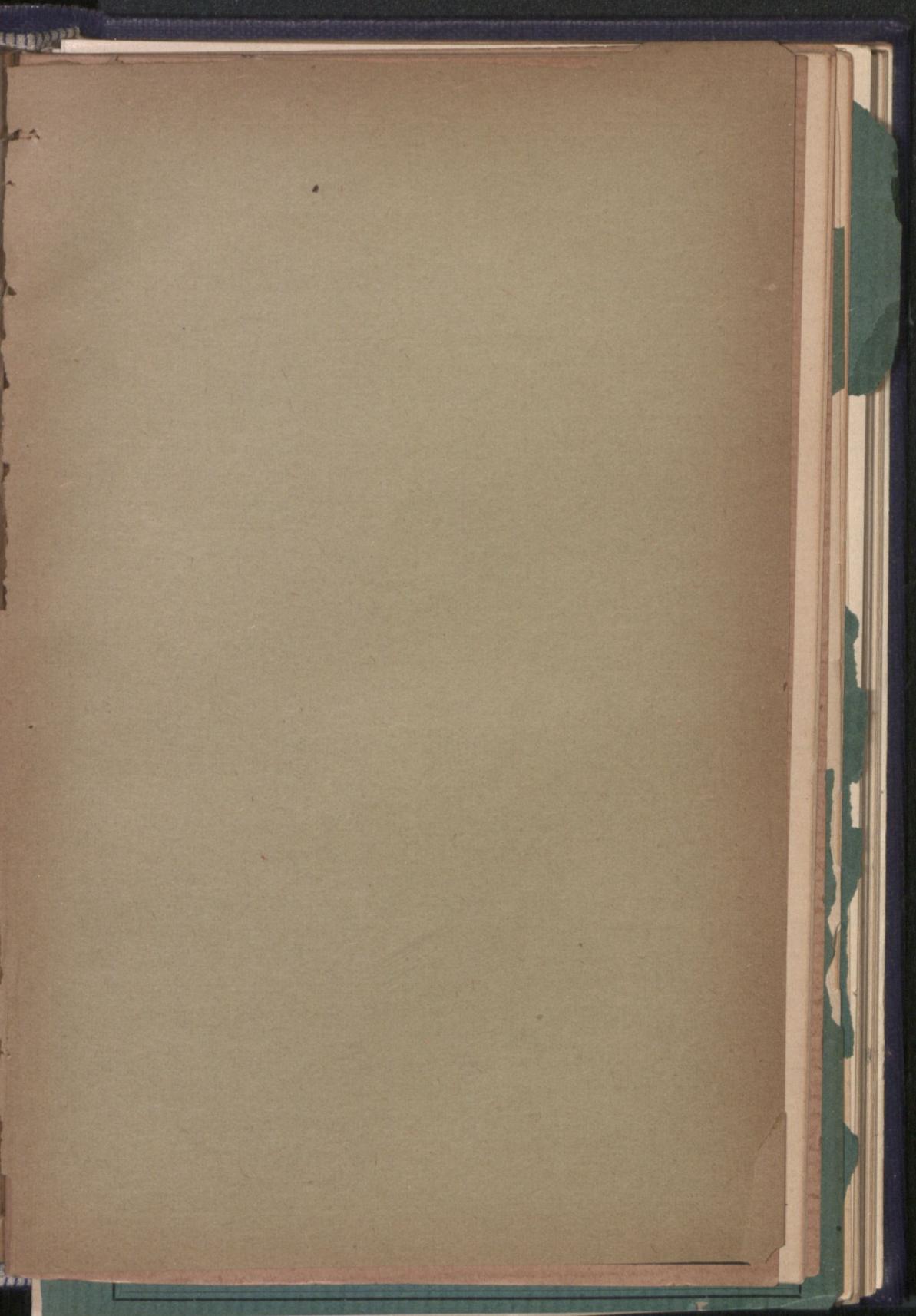
M. E. SABIN . . . . .	Wisconsin.
F. F. SAMS . . . . .	Illinois.
F. H. SANFORD . . . . .	New York.
A. B., Yale, 1889.	
FRED. H. SAUNDERS . . . . .	Ohio.
G. B. M. SCHADMANN . . . . .	Pennsylvania.
A. B., Racine College, 1886.	
A. M., Racine College, 1889.	
JOHN SCRIVENER . . . . .	District of Columbia.
GEORGE H. SHIELDS . . . . .	District of Columbia.
A. B., Princeton, 1891.	
FELIX O. SMITH . . . . .	Vermont.
SAMUEL T. SMITH . . . . .	District of Columbia.
L. F. SPEER . . . . .	Pennsylvania.
W. H. STOUT . . . . .	New York.
HOWARD SUTHERLAND . . . . .	Missouri
A. B., Westminster (Mo.), 1889.	
BERNARD H. TAYLOR . . . . .	Illinois.
DANIEL F. TAYLOR . . . . .	District of Columbia.
L. J. TAYLOR . . . . .	Kentucky.
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W. C. VALENTINE . . . . .	Nebraska.
M. M. WARREN . . . . .	Tennessee.
M. A. WATSON . . . . .	California.
W. L. WEBB . . . . .	Maryland.
HARRY WEBER . . . . .	Illinois.
EDGAR V. WERNER . . . . .	Wisconsin.
IRVIN C. WILLIAMS . . . . .	Pennsylvania.
A. B., Ursinus College, 1891.	
H. B. WILLSON . . . . .	District of Columbia.
WALTER A. WILSON . . . . .	Ohio.
LELAND N. WOOD . . . . .	New York.
E. A. WRIGHT . . . . .	Pennsylvania.
FRED. A. WRIGHT . . . . .	Massachusetts.
A. B., Amherst, 1884.	
HERBERT WRIGHT . . . . .	Pennsylvania.
M. E., Lehigh, 1890.	
JUNIORS . . . . .	146

## SPECIAL STUDENTS IN THE LAW OF PATENTS.

W. L. AUGHINBAUGH . . . . .	District of Columbia.
JOSEPH BECKER . . . . .	District of Columbia.
LL. B., Georgetown University, 1888.	
LL. M., Georgetown University, 1889.	
WM. P. J. CHURCHILL . . . . .	Maine.
WM. R. DAVIS . . . . .	District of Columbia.
JOHN S. DUFFIE . . . . .	District of Columbia.
L. H. HAVERMAN . . . . .	Massachusetts.
JOHN C. HIGDON . . . . .	Missouri.
GEORGE G. HOOVER . . . . .	District of Columbia.
JAMES B. LITTLEWOOD . . . . .	District of Columbia.
JOSEPH LYONS . . . . .	District of Columbia.
R. S. McCALL . . . . .	Missouri.
LL. B., Georgetown University, 1889.	
LL. M., Georgetown University, 1890.	
FRANKLIN MOORE . . . . .	District of Columbia.
C. A. SNOW . . . . .	District of Columbia.
W. X. STEVENS . . . . .	District of Columbia.
WALTER H. WILLS . . . . .	District of Columbia.
GEORGE M. WHITNEY . . . . .	District of Columbia.
FRANCIS M. WRIGHT . . . . .	District of Columbia.
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Collegiate and Professional Instruction is given in the Columbian University in five departments: The COLUMBIAN COLLEGE, the NATIONAL MEDICAL COLLEGE, the SCHOOL OF DENTISTRY, the COLUMBIAN UNIVERSITY LAW SCHOOL, and the CORCORAN SCIENTIFIC SCHOOL.

The first of these comprises the usual College course in Languages (Ancient and Modern), Mathematics, the Physical Sciences, History, Mental, Moral, and Political Philosophy, with specific courses leading severally to the degrees of Bachelor of Arts, Bachelor of Science, and Bachelor of Letters.

The National Medical College, the Medical Department of the University, comprises a full course of study leading to the degree of Doctor in Medicine.

The Dental School provides a course of study in the Science and Art of Dentistry, leading to the degree of Doctor of Dental Surgery.

The Columbian University Law School has an undergraduate course of study in the elements of Law, leading to the degree of Bachelor of Laws, and a graduate course of study in Practice, leading to the degree of Master of Laws.

The Corcoran Scientific School comprises general courses of study leading to the degrees, respectively, of Bachelor of Science and Civil Engineer, and a *special* course in Chemistry and Metallurgy, leading with certain auxiliary studies to the first-named of these degrees. The chemical Laboratory, recently constructed, affords ample facilities for analytical work.

Besides the foregoing higher departments, the University has under its management a Preparatory School, in which students are prepared for Business, for College, for the Military School at West Point, or for the Naval Academy at Annapolis.

For further information, or for catalogues, address—

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ANNOUNCEMENT AND CATALOGUE

—OF THE—

NATIONAL MEDICAL COLLEGE,  
MEDICAL DEPARTMENT,

—OF THE—



COLUMBIAN UNIVERSITY,

WASHINGTON, D. C

—FOR THE—

SEVENTIETH SESSION, 1891-92.

1891.

PROGRAMME OF MEDICAL LECTURES.

For Winter Session of 1891-92.

HOURS.	Monday.	Tuesday.	Wednesday	Thursday.	Friday.	Saturday.
5.30 P. M.	Prof. THOMPSON, Surgery.	Prof. FRISTOE, Chemistry.	Prof. THOMPSON, Surgery.	Prof. FRISTOE, Chemistry.	Prof. THOMPSON, Surgery.	Prof. FRISTOE, Chemistry.
6.30 P. M.	Prof. KING, Obstetrics	Prof. PRENTISS, Materia Medica.	Prof. KING, Obstetrics.	Prof. PRENTISS, Materia Medica.	Prof. KING, Obstetrics.	Prof. PRENTISS, Materia Medica.
7.30 P. M.	Prof. SHUTE, Anatomy.	Prof. JOHNSTON, Practice.	Prof. LEE, Physiology.	Prof. JOHNSTON, Practice.	Prof. SHUTE, Anatomy.	Prof. JOHNSTON, Practice.
7.30 P. M.	Dr. ACKER, Pathological Histology.				Dr. ACKER.	
					Pathological Histology.	
8.30 P. M.	Prof. LEE, Physiology.	Dr. GRAY, Normal Histology.	Prof. SHUTE, Anatomy.	Dr. GRAY, Normal Histology.	Prof. LEE, Physiology.	Dr. GRAY, Normal Histology.

ANNOUNCEMENT AND CATALOGUE  
OF THE  
NATIONAL MEDICAL COLLEGE  
MEDICAL DEPARTMENT  
OF  
THE COLUMBIAN UNIVERSITY,  
WASHINGTON, D. C.,  
(1325 H STREET, N. W.)  
FOR THE  
SEVENTIETH SESSION, 1891-1892.

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RUFUS H. DARBY.  
1891.

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" " WILLIAM L. WILSON, LL.D., Charlestown, W. Va.  
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" " FRANK M. ELLIS, D. D., Baltimore, Md.  
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THEODORE W. NOYES, LL. M.  
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## FACULTY.

JAMES C. WELLING, LL. D.,  
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*Emeritus Professor of Surgery.*

J. FORD THOMPSON, M. D., ✓  
*Professor of Surgery and President of the Faculty.*

W. W. JOHNSTON, M. D., ✓  
*Professor of the Theory and Practice of Medicine.*

A. F. A. KING, A. M., M. D., ✓  
*Professor of Obstetrics and the Diseases of Women and Children, and Dean of the Faculty.*

EDWARD T. FRISTOE, A. M., LL. D., ✓  
*Professor of Chemistry and Toxicology.*

WILLIAM LEE, M. D., ✓  
*Professor of Physiology.*

D. W. PRENTISS, A. M., M. D., ✓  
*Professor of Materia Medica and Therapeutics.*

D. KERFOOT SHUTE, A. B., M. D., ✓  
*Professor of Anatomy.*

WILLIAM P. CARR, M. D., ✓  
*Demonstrator of Anatomy.*

G. N. ACKER, A. M., M. D., ✓  
*Demonstrator of Pathological Histology.*

WILLIAM M. GRAY, M. D., ✓  
*Demonstrator of Normal Histology.*

VERANUS A. MOORE, B. S., M. D., ✓  
*Assistant Demonstrator of Pathological Histology.*

STERLING RUFFIN, M. D., GLENDIE B. YOUNG, M. D., ✓  
*Assistant Demonstrators of Anatomy.*

WM. F. R. PHILLIPS, M. D., CHAS. S. KALB, M. D., ✓  
*Prosectors to the Chair of Anatomy.*

---

A. F. A. KING, M. D., *Dean,*  
*726 Thirteenth St., N. W., Washington, D. C.*  
 Telephone Call, 885.

PROFESSORS ON SPECIAL SUBJECTS  
IN THE  
SPRING SESSION.

FACULTY.

PROF. W. W. GODDING, M. D.,\*

*Mental Diseases.*

PROF. H. C. YARROW, M. D.,

*Diseases of the Skin.*

PROF. GEORGE BYRD HARRISON, M. D.,

*Diseases of Children.*

PROF. H. L. E. JOHNSON, M. D.,

*Gynecology.*

PROF. J. H. BRYAN, M. D.,

*Laryngoscopy and Diseases of the Throat.*

PROF. THEOBALD SMITH, M. D.,

*Bacteriology.*

PROF. WILLIAM P. CARR, M. D.,

*Visceral Anatomy.*

PROF. THOMAS E. MCARDLE, A. M., M. D.,

*Minor Surgery.*

PROF. ROBERT T. EDES, M. D.,

*Diseases of the Nervous System.*

PROF. W. K. BUTLER, M. D.,

*Diseases of the Eye.*

PROF. STERLING RUFFIN, M. D.,

*Applied Anatomy of Cranial Nerves.*

The Lectures of this Course will be given during April and May, and are made as practical as possible. With this view the members of the Faculty conjoin practical demonstration and clinical teaching with didactic lectures, utilizing for this purpose the Hospitals and Dispensaries with which they are connected. The students are enrolled at the beginning of the spring session, and are from time to time examined. At the end of the course certificates will be issued by each Professor to the students who, by their attention and diligence, shall be considered to have deserved them. Attendance upon this Course is obligatory.

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\*Superintendent of the Government Hospital for the Insane.

# MEDICAL DEPARTMENT.

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## ANNUAL ANNOUNCEMENT OF THE SESSION OF 1891-1892.

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THE Seventieth Course of Lectures begins on Thursday, October 1st, 1891, and continues until March 1st, 1892.

The Introductory Lecture of the Course will be delivered by Prof. D. K. Shute, on the 1st of October, and on the following day the regular lectures will commence and continue throughout the session, beginning at 5:30 P. M. of each week-day.

The system of instruction adopted by the Medical Department of this University includes, first, a complete course of about sixty lectures, on each of the seven essential branches of medical science, viz: Anatomy, Physiology, Chemistry, Materia Medica, Surgery, Obstetrics, and the Theory and Practice of Medicine, by attendance upon which course of didactic instruction the student may become thoroughly versed in the principles of medical science. Secondly, a course of Clinical instruction, for which ample opportunities are afforded, and by means of which the general institutes of medicine taught in the lecture-hall are verified, illustrated and practically applied at the bedside under the immediate observation of the student. In conducting their Clinics, the Professors spare no pains to render the student familiar with the proper methods of examining patients, analyzing symptoms and making a correct diagnosis and prognosis of any case that may be presented. In like manner, the student is taught the art of prescribing medicines and of observing their effects, the mode of performing surgical operations, etc.; every educational facility being thus offered to render the graduate of this College a competent practitioner of medicine.

Many of the Lectures are illustrated by use of the sciopticon, which has proved to be of great assistance in didactic instruction.

The Spring Course of Lectures begins early in April, and comprehends instruction in Mental Diseases; Diseases of the Eye, Ear, Skin, and throat; Diseases of Children; Bacteriology; Minor Surgery and Bandaging; Gynecology; Visceral Anatomy, and Diseases of the Nervous System.

## GENERAL SKETCH OF THE SEVERAL LECTURE COURSES.

### SURGERY.

PROF. J. FORD THOMPSON, M. D., ONE OF THE ATTENDING SURGEONS TO THE CHILDREN'S HOSPITAL AND TO THE GARFIELD GENERAL HOSPITAL.

The course will embrace Didactic Lectures upon the Principles and Practice of Surgery, and, as far as practicable, Clinical Instruction at the College.

Professor THOMPSON being the attending Surgeon of both the Children's Hospital and the Garfield Hospital, students are offered the opportunity for Clinical Instruction in these Institutions.

Every effort will be made to teach Surgery in accordance with the latest developments of scientific research. At the College, operations will be performed upon the cadaver, and the use of all important surgical instruments and appliances will be demonstrated in the same manner.

### THEORY AND PRACTICE OF MEDICINE.

PROF. W. W. JOHNSTON, ONE OF THE CONSULTING PHYSICIANS TO THE CHILDREN'S HOSPITAL AND TO THE GARFIELD HOSPITAL.

The Course of Lectures on the Theory and Practice of Medicine begins with the consideration of the pathological anatomy and symptomatology of the general morbid processes, which occur in many diseases, and to which all the structures of the body are liable. General or constitutional disease and local diseases, or diseases of organs, are described in order.

As the subjects taught from the Chair are so numerous and cover so wide a field, two years are required to complete the Course. The lectures of each year, therefore, form a distinct and complete series, and it is necessary for the student to follow attentively the Lectures during two successive years in order to finish his studies in this branch.

The courses on Histology and Pathological Histology can not be neglected without serious detriment to progress, and are absolutely necessary to a complete understanding of the studies of this Chair.

The hospitals and dispensaries of the city afford abundant opportunity for the observation of disease, and no chance should be lost to gain a practical knowledge of the methods of

examining cases and of the art of diagnosis. The student should also make the effort to study morbid anatomy, by witnessing as many autopsies as is possible, for in this way only can he acquire definite and clear ideas of the appearance of morbid tissues.

#### OBSTETRICS AND THE DISEASES OF WOMEN AND CHILDREN.

PROF. A. F. A. KING, A. M., M. D., ONE OF THE CONSULTING PHYSICIANS TO THE CHILDREN'S HOSPITAL.

This course will comprise a series of Lectures on the Science and Practice of Midwifery, together with additional Lectures on Gynecology. The main purpose of the Lecturer will be to explain, impress, and simplify the matters to be studied in the books, so as to render them more easily intelligible, and hence more pleasing and satisfactory to the student. With this view the Lectures will be illustrated by diagrams, models, natural preparations, manikins and instruments.

Mathieu's new elastic manikin, for demonstrating obstetrical operations, has recently been added to the illustrative apparatus.

In the Department of Gynecology the various instruments and appliances required in treating the Diseases of Women will be exhibited, and their uses fully explained. The Lectures will be rendered more complete by the able assistance of Prof. H. L. E. Johnson, who will add to the Course a Special Series of Lectures on this subject during the Spring Term, together with clinical instruction at the Central Dispensary and Emergency Hospital.

#### CHEMISTRY AND TOXICOLOGY.

PROF. EDWARD T. FRISTOE, LL. D.

The instruction of this Department embraces—

1st. A short discussion of the various branches of Physics, as Specific Gravity, Pneumatics, Heat, Light, Electricity, Etc., so far as they relate to the Science of Chemistry.

2d. The principles of chemical philosophy, the laws of chemical combinations and of chemical affinity in general.

3d. A discussion of the elementary bodies, both metallic and non-metallic; the best methods of preparing the various inorganic bodies, their properties and reactions, and the means of detecting their presence.

4th. The so-called, "organic bodies" will be considered as far as time will permit, especially those most useful to the

physician, such as organic acids and their salts, the alkaloids, etc.

Throughout the entire Course the application of Chemistry to Medicine and Pharmacy will be constantly brought before the Student.

Special attention is given to Toxicology. The various poisons are studied, so far as the tests for their presence and appropriate antidotes are concerned.

The principles of the science are abundantly illustrated by experiments.

#### PHYSIOLOGY.

PROF. WILLIAM LEE, M. D.

This Course of Lectures will consist of a full, clear, and practical exposition of Physiology, aided as far as possible, by experiments, vivisections, and diagrams. The more fully to impress upon the memory of the student the important principles embraced in this valuable part of his curriculum, reviews will be held from time to time in the form of class examinations. The course will be confined strictly to Physiology, with a view to cover fully the whole ground occupied by this branch.

#### MATERIA MEDICA AND THERAPEUTICS.

PROF. D. W. PRENTISS, A. M., M. D., ONE OF THE CONSULTING PHYSICIANS TO THE CHILDREN'S HOSPITAL.

In the course of instruction pertaining to this Chair especial prominence will be given to the physiological action of medicines and their therapeutic uses.

The value of a knowledge of Pharmacy and of the Natural History and Chemical relations of the Materia Medica is not overlooked, but time does not admit of their being considered in great detail in the lecture-room. They are rather proper subjects for recess study.

The art of prescribing will have a place in the consideration of individual drugs, particularly with reference to appropriate combinations; much of the success of the practitioner depending upon the practical application of his knowledge in the sick-room.

It will be the endeavor of Professor PRENTISS to make his instruction as practical as possible. The lectures will be supplemented by working prescriptions and black-board illustrations, as occasion will admit.

From this Chair the student will be taught the use of the Metric System in Medicine.

## ANATOMY.

PROF. D. KERFOOT SHUTE, A. B., M. D.

This Course of Lectures is arranged with the view of rendering the didactic instruction in Anatomy as full and complete as the limits of the session will allow.

Sufficient knowledge of the anatomical structure of the human body to qualify one for the practice of medicine may be acquired during the two courses of lectures from this Chair, which each student attends, if, at the same time he does his duty in the dissecting-room.

The Lectures will be illustrated by frequent reference to recent dissections and numerous drawings and diagrams. The sciopticon will also be employed constantly to present photographic views of many regions of the body.

Special attention will be given during the course to the Surgical and Medical Relations of Human Anatomy, which are of so great importance in the practice of the Medical Profession.

Public oral examinations are conducted by the Lecturer from time to time.

Drs. William F. R. Phillips and Chas. S. Kalb, Prosector to the Chair of Anatomy, will prepare the subject for the Lecturer.

Dr. William P. Carr, Demonstrator of Anatomy, and his assistants, Drs. Ruffin and Young, give their personal attention to the students in the dissecting-room.

## PRACTICAL ANATOMY.

The dissecting-room of this College is large, thoroughly ventilated, well lighted, and furnished with every requisite for the convenience and comfort of the student. Anatomical material is abundantly supplied at a moderate price, only sufficient to cover the expense of procuring and preparing it. The room is open both during the day and at night until 11 P. M., or even later on some occasions. It is under the supervision of the Faculty and the immediate direction of the Demonstrator of Anatomy, who is present *at stated hours* to give personal attention to the students and properly instruct them in their dissections. In the absence of the Demonstrator, one of his assistants will be present to instruct the classes.

## PRACTICAL PHYSIOLOGY AND HISTOLOGY.

Practical Laboratory instruction will be continued during the winter session in Normal and Pathological Histology.

Dr. Wm. M. GRAY will conduct a course of practical instruction in Normal Histology in connection with the Chair of Physiology. In this course students will have the opportunity to become familiar with the use of the microscope, and with the minute Anatomy of the tissues and organs of the body.

Dr. G. N. ACKER will give a course in Pathological Histology, in which will be shown the principal tissue alterations found in disease.

The Course in Normal Histology is open to students during the first and second years of their tuition, and the Course in Pathological Histology to third-year students only. Both these Courses constitute a necessary part of college-work, and attendance upon them is not optional with the student, but obligatory.

#### REQUIREMENTS FOR MATRICULATION AND GRADUATION.

I. Matriculants will be required to show that they are fitted, by previous education, for the study of medicine, and for this purpose they must either submit themselves to an examination or in lieu thereof, present a satisfactory certificate of their attainments from some College, Seminary or High School.

II. Candidates for the degree of Doctor of Medicine must have attended three courses of lectures, the subjects to be arranged as follows :

FIRST COURSE.—Anatomy, Physiology, Chemistry and Materia Medica. Practical Anatomy and Histology.

SECOND COURSE.—Anatomy, Physiology, Chemistry, and Materia Medica. Practice of Medicine, Surgery and Obstetrics. Histology, Practical Anatomy, Clinics.

Attendance upon the whole seven branches during the second course is obligatory, in order that the student may have the privilege of presenting himself for examination on the final branches at the end of the third course.

Examination at the end of the second course in Anatomy, Physiology, Chemistry and Materia Medica.

THIRD COURSE.—Practice of Medicine, Surgery, Obstetrics, and Pathological Histology. Clinical Medicine and Surgery. Final examination at the end of this course.

Students who elect to take a four years' course shall not be required to attend the lectures upon the three final branches during the second year.

III. Students of other Institutions who have attended one course of lectures in any regular Medical School will be placed upon the same footing with those who have attended one course in this College ; and those who have attended two courses of lectures in any other regular College, or Colleges, will rank with those who have attended two courses in this Institution, and the same privileges as regards examination will be extended to them; that is to say, they will be admitted as third-course

students after passing a satisfactory examination on the four primary branches of Anatomy, Physiology, Chemistry and Materia Medica.

IV. Candidates for graduation must have studied medicine three years, or the term of three years' study must be completed at a date not exceeding three months after the period of the final examination. They must be of good moral character and at least twenty-one years of age.

V. The candidate must have dissected at least two sessions, during each of which he shall be required to dissect two "parts" of a subject, and it is recommended that he dissect three parts. He must have attended also two courses of clinical instruction.

VI. One month before the close of the session he shall enter his name with the Dean of the Faculty as a candidate for graduation, and at the end of the term present himself for examination. The examination will be both written and oral. The examination for the Degree will be held at the end of the session in March. An examination will be held in October for those students who have attended three Courses of lectures, but whose term of three years' study had not been completed at the preceding March examination. Students who fail to pass the examination in March may be re-examined in October, if, in the judgment of the Faculty, they have shown the proficiency requisite to render such a course advisable. The diploma is granted only at the Annual Commencement in March.

VII. Graduates of other accredited Medical Colleges must pass a satisfactory examination on all of the seven essential branches of medicine before receiving a diploma from this University.

#### ADMISSION OF WOMEN.

The Board of Trustees of this University having authorized the admission of women to the Medical Department, they are now admitted to matriculation and graduation, subject to the same rules and with the same privileges in all respects as are accorded other students.

#### FACULTY PRIZES.

At the end of the term a General Examination Prize of fifty dollars will be awarded. It will be given to the candidate for graduation who shall pass the best general examination.

The Faculty will, in future, also award two additional prizes, one for proficiency in "*Clinical Medicine*," and one for proficiency in "*Clinical Surgery*."

At the Commencement in March 1891, the general Examination Prize was awarded to

JOHN B. NICHOLS, OF NEW YORK.

Honorable mention being made of Oscar A. M. McKimmie, of the District of Columbia, and John R. Wellington, of Maine.

#### CLINICAL INSTRUCTION.

The opportunities for clinical instruction in the city of Washington have of late years increased in proportion to its augmented population and growing business activity, offering a strong contrast, in this respect, to the advantages formerly offered to the student.

In addition to the opportunities afforded for general instruction in Medicine and Surgery by the larger hospitals of the city, facilities are also provided by which the student may qualify himself for the treatment of certain special departments of disease, which have of late acquired considerable prominence in Medical Practice, and in the successful management of which, a certain skill is necessary, that can only be acquired by special courses of clinical instruction, such as the Faculty of this College design to supply.

*Diseases of Infants and Children.*—In this important class of maladies—which seldom receives the attention it deserves from medical students—special clinical instruction will be given at the Children's Hospital by the Physicians and Surgeons, among whom are Profs. W. W. JOHNSTON, J. FORD THOMPSON and G. N. ACKER. Many hundreds of cases, representing a great number and variety of diseases, are annually treated in the wards and in the outdoor department of this Hospital. Students are admitted to the clinics free of charge, and also to the Dispensary service, which is open daily from 2.30 to 4.30 P. M. Under direction of the very able Medical and Surgical Attendants of this Institution, ample opportunity will be afforded the student to become practically acquainted with the diagnosis and treatment of the diseases of early life.

*Diseases of the Eye and Ear.*—Dr. W. K. Butler will lecture on the principal diseases of the eye—touching also on Refraction and the use of the Ophthalmoscope in general Diagnosis. Clinical instruction will be given at the Lutheran Eye, Ear and Throat Infirmary, Corner 14th and N Sts., N. W. from 1 to 2 P. M., Tuesdays, Thursdays and Saturdays.

## LIBRARIES, ARMY MEDICAL MUSEUM, ETC.

The location of the University at the seat of the National Capital, affords several striking advantages to the medical student. He has free access to the Libraries of Congress, of the Army Medical Museum, of the Smithsonian Institution and of the Patent Office, all of which contain rare and costly works in every department of science and literature. The Army Medical Museum is also open for inspection daily from 9 to 3 o'clock. With its unrivalled collection of anatomical and pathological specimens, illustrating normal anatomy and the results of disease in every form, and an almost unlimited number of other preparations showing the effects of gunshot wounds and surgical injuries of every kind, this Museum presents a field for study superior to any other institution of the kind, either in this country or Europe.

Apart from these considerations, students from a distance have the opportunity of spending a winter profitably at the seat of the National Government during the sessions of Congress. The College lectures beginning at 5.30 in the evening, ample time is afforded during the term for visiting the public buildings, works of art and other places of interest to a stranger. Prominent among these may be mentioned the new National Museum, established in connection with the Smithsonian Institution. Here may be seen, fully classified, collections illustrating the Arts and Industries of the country; and of special interest to the Medical student, there is found in this Museum the most complete and best arranged collection of *Materia Medica* in the world. The drugs are shown in all their processes of manufacture, from the original package in which they are imported or marketed, to the delicate alkaloid constituting the active principle.

Of great interest, also, are the Government Botanical Gardens and the Grounds of the Agricultural Department, where the student of botany may find a rare collection of medicinal plants, from which are derived many of the preparations of the *Materia Medica*.

At the United States Patent Office, models of many curious medical and surgical instruments may be daily inspected from 9 to 3 o'clock, thus affording to the student an opportunity of studying the mechanical contrivances used in Medicine, Surgery and Obstetrics, that is not to be obtained in any other city.

## FEES, REGULATIONS, &amp;c.

Matriculation Fee, payable only once.....	\$ 5 00
Single tickets.....	15 00
Practical Anatomy, by the Demonstrator.....	10 00
Examination Fee (not returnable but payable once only), Primary Branches.....	20 00
Examination Fee (not returnable but payable once only), Final Branches.....	10 00

No fee for Graduating Expenses.

In conformity with the foregoing regulations, the expense for each of the three courses is as follows :

FIRST COURSE: Matriculation Fee.....	\$5 00
Four Primary Tickets.....	60 00
Practical Anatomy, by the Demonstrator.....	10 00
Total .....	75 00
SECOND COURSE: Four Primary Tickets.....	\$60 00
Three Final Tickets.....	45 00
Practical Anatomy, by the Demonstrator.....	10 00
Examination Fee (Primary Branches).....	20 00
Total .....	135 00
THIRD COURSE: Three Final Tickets.....	\$45 00
Examination Fee (Final Branches).....	10 00
Total .....	55 00

There is no charge for the Spring Course except the Matriculation Fee, \$5.

No charge will be made to matriculants for the courses of Practical Instruction in the Laboratory on Normal and Pathological Histology, nor for Clinical Lectures. Payment of the fees is required in all cases, and tickets must be taken out at the commencement of the session, *unless special arrangement be made with the Dean to suit the convenience of the student.*

By virtue of a liberal endowment from the late Mr. W. W. CORCORAN, this College is enabled to offer six free Scholarships, which are under the supervision of the Columbian University. Applicants for the privileges of this endowment must produce a certificate from the authorities of the University that they have been fitted by previous education for the study of medicine. Applications should be addressed to the Dean, and sent in not later than the end of September, accompanied with written evidence of pecuniary inability and certificates of moral character and industry. This is the only mode by which any deduction can be made from the regular fees, except as hereinafter stated.

Graduates of other accredited Medical Colleges, after five years, are required to matriculate only. Prior to the expiration of five years, the fee for a general ticket is \$50.

The degrees are conferred by the authority of the Columbian

University, incorporated by act of Congress of the United States of America.

The prices of board range from \$12 to \$30 per month, and rooms may be obtained for \$10 and upward per month, according to location, &c.

The College Building is situated opposite a government reservation at No. 1325 H St., N. W., and is within half a square of three lines of street-cars, going to every part of the city.

Students desiring further information are requested to address the Dean of the Faculty.

A. F. A. KING, M. D., Dean,  
726 Thirteenth St., N. W.,  
Washington, D. C.

Telephone 885.

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## STUDENTS OF MEDICINE.

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## GRADUATES 1891.

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## Text Books and Works of Reference.

ANATOMY.—*Gray's Anatomy*, \*Quain's Anatomy, Descriptive and Surgical; Holden's Manual of Dissection.

PHYSIOLOGY—*Landois'*, Dalton's or Flint's Physiology; Foster and Langley's Practical Physiology; Rutherford's Practical Histology.

CHEMISTRY.—*Barker's*, Attfield's, Bloxam's or Fowne's Chemistry; Bowman's Medical Chemistry; Witthaus' Chemistry, and Remsen's Organic Chemistry.

MATERIA MEDICA.—*H. C. Wood's Therapeutics*; National Dispensatory; Edes' Therapeutics.

SURGERY.—*Ashurst's*, Gross' System of Surgery; Erichsen's or Druitt's Surgery.

PRACTICE OF MEDICINE.—*Robert's*, Bartholow's, Flint's or Niemeyer's Practice; Syst. of Medicine, (Pepper.)

OBSTETRICS.—*Playfair's*, Leishman's or Lusk's Obstetrics; King's Manual; *Thomas*, Barnes or Byford on Diseases of Women; *J. Lewis Smith*, or W. H. Day, or Meigs & Pepper, on Diseases of Children; and Skene on Diseases of the Female Bladder and Uretha.

PATHOLOGICAL ANATOMY AND HISTOLOGY.—Green's Pathology; Frey's or Stricker's Histology; Rindfleisch's Pathological Histology; Cornil and Ranzier, Ziegler's Pathological Anatomy; Delafield & Prudden's Pathological Anatomy.

Thomas' Medical Dictionary; Gould's Medical Dictionary.

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\*The works first named and in *italics* are preferred.

# The Columbian University.

WASHINGTON, D. C.

Collegiate and Professional Instruction is given in the Columbian University in five departments: The COLUMBIAN COLLEGE, the NATIONAL MEDICAL COLLEGE, the SCHOOL OF DENTISTRY, the COLUMBIAN UNIVERSITY LAW SCHOOL, and the CORCORAN SCIENTIFIC SCHOOL.

The first of these comprises the usual College course in Languages (Ancient and Modern), Mathematics, the Physical Sciences; History, Mental, Moral, and Political Philosophy, with specific courses leading severally to the degrees of Bachelor of Arts, Bachelor of Science, and Bachelor of Letters.

The National Medical College, the Medical Department of the University, comprises the course of study defined in this catalogue.

The Dental School provides a course of study in the Science and Art of Dentistry, leading to the degree of Doctor of Dental Surgery.

The Columbian University Law School has an undergraduate course of study in the elements of Law, leading to the degree of Bachelor of Laws, and a graduate course of study in Practice, leading to the degree of Master of Laws.

The Corcoran Scientific School comprises general courses of study, leading to the degrees, respectively, of Bachelor of Science and Civil Engineer, and a *special* course in Chemistry and Metallurgy, leading, with certain auxiliary studies, to the first named of these degrees. The Chemical Laboratory, recently constructed, affords ample facilities for analytical work.

Besides the foregoing higher departments, the University has under its management a Preparatory School, in which students are prepared for College, for the Military School at West Point, or for the Naval Academy at Annapolis.

For further information, or for catalogues, address—

JAMES C. WELLING,

*President, Etc.*

ANNOUNCEMENT AND CATALOGUE  
—OF THE—  
DENTAL DEPARTMENT



COLUMBIAN UNIVERSITY,  
WASHINGTON, D. C.

—FOR THE—  
FIFTH SESSION, 1891-92.

1891.

## PROGRAMME OF LECTURES.

For Winter Session of 1891-92.

HOURS.	Monday.	Tuesday.	Wednesday.	Thursday.	Friday.	Saturday.
5.30 P.M.	Prof. H. C. THOMPSON, Operative Dentistry.	Prof. FRISTOE, Chemistry.		Prof. FRISTOE, Chemistry.	Prof. H. C. THOMPSON, Operative Dentistry.	Prof. FRISTOE, Chemistry.
6.30 P.M.	Prof. LEWIS, Prosthetic Dentistry.	Prof. PRENTISS, Materia Medica.	Special Clinical Lecture.	Prof. PRENTISS, Materia Medica.	Prof. LEWIS, Prosthetic Dentistry.	Prof. PRENTISS, Materia Medica.
7.30 P.M.	Prof. SHUTE, Anatomy.		Prof. LEE, Physiology.		Prof. SHUTE, Anatomy.	
8.30 P.M.	Prof. LEE, Physiology.	Dr. GRAY, Normal Histology.	Prof. SHUTE, Anatomy.	Dr. GRAY, Normal Histology.	Prof. LEE, Physiology.	Dr. GRAY, Normal Histology.

WASHINGTON, November 10, 1892.

*To the Honorable and Reverend the Board of Trustees of the Columbian University:*

In my Annual Report on the operations of the Columbian University for the year 1889-'90 I respectfully urged that the time had come when our University should begin to bear the flower and fruit of "University studies" in the full and true sense of those terms; and that as we were the first to establish a graduate "School of Practice" in connection with the undergraduate department of our Law School, we should now be the first to establish a still higher graduate school for the comprehensive and scientific study of the comparative jurisprudence of the world. In such a school the law of the world would be taught in its successive phases from the first rude germs of law in the clan stage of human government to the great historical evolutions which the science of law has reached in the Civil Code of Rome, the Common Law of England, the Feudal System, the Capitularies of Charlemagne, the Continental Pandects, and that growing body of usages and ethical rules known as "International Law."

The suggestion of such a school, with the reasons for its establishment at Washington in connection with this University, was submitted to many scholars in Europe and America for their consideration and criticism. Some of these critical appreciations were subsequently published in pamphlet form by the Committee on the Law School, Messrs. Mattingly, Hubbard, and Noyes. All who were consulted gave to the proposition their fullest approval. Prof. LYON CAEN, of the "Ecole Libre des Sciences Politiques," in Paris, remarked in his communication that the scheme of studies which we were projecting had already been put into partial execution in Paris, and that he hoped it would in due time receive a still wider scope, similar to that we were contemplating. The Hon. A. D. WHITE, ex-President of Cornell University, and at present Minister of the United States at St. Petersburg, gave to our plan the heartiest approval, as being the "realization of an old dream of his," ever since the days when he listened to the lectures of Laboulaye at the College of France. I do not

doubt whether the tie between legal institutions and the progress of civilization was ever so close as in modern times. Few men in the last hundred years have done more for human advancement than Savigny, Bentham, John Austin, and Sir Henry Sumner Maine.

The course of special study in the School of Comparative Jurisprudence should extend through at least two years; but the studies of the first year could be taken in connection with the studies and exercises of the first year in the School of Practice. In this way the degree of Bachelor of Law, of Master of Law, and of Doctor of Philosophy in Law could be taken in four years. If this seems a long time, we have but to remember that in the time of Justinian the study of the Civil Law alone extended through a period of seven years.

JAMES C. WELLING,  
*President.*

CATALOGUE  
OF  
THE COLUMBIAN COLLEGE  
PREPARATORY SCHOOL,

WASHINGTON, D. C.,

FOR THE ACADEMIC YEAR, 1891-'92.

WASHINGTON:  
BYRON S. ADAMS, PRINTER,  
1892.



# ANNOUNCEMENT AND CATALOGUE

OF THE

# DENTAL DEPARTMENT

OF

# THE COLUMBIAN UNIVERSITY,

WASHINGTON, D. C.,

(1325 H STREET, N. W.)

FOR THE

# FIFTH SESSION, 1891-1892.

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1891.

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*Professor of Chemistry.*

WILLIAM LEE, M. D.,  
*Professor of Physiology.*

D. W. PRENTISS, A. M., M. D.,  
*Professor of Materia Medica and Therapeutics.*

D. KERFOOT SHUTE, A. B., M. D.,  
*Professor of Anatomy.*

WILLIAM P. CARR, M. D.,  
*Demonstrator of Anatomy.*

R. FINLEY HUNT, D. D. S.,  
*Demonstrator in Charge of Infirmary.*

J. R. HAGAN, D. D. S.,  
*Assistant Demonstrator.*

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A. F. A. KING, M. D., *Dean,*  
*726 Thirteenth St., N. W., Washington, D. C.*

Telephone Call, 885.

## DENTAL DEPARTMENT.

### ANNUAL ANNOUNCEMENT

OF THE

SESSION OF 1891-1892.

The Regular course of Lectures begins on Thursday, October 1st, 1891, and continues until March 1st, 1892.

The Introductory Lecture of the Course will be delivered by Dr. E. R. Rust, on the 1st of October, and on the following day the regular Lectures will commence and continue throughout the session, beginning at 5.30 P. M. of each week-day.

The Faculty of the Dental Department of this University are fully convinced that less than three years of study and instruction is insufficient to *properly* prepare any one for the practice of Dentistry in its present state of advancement, and therefore announce that in order to become eligible for graduation the student *must* attend three full courses of five months each, held in different years, with such exceptions as are hereinafter stated.

The first-year course is devoted to the study of Anatomy, Physiology, Chemistry, and Materia Medica, and such Infirmary and Laboratory work as is suitable for first-year students.

During the second year there are added to these four subjects, Operative Dentistry and Prosthetic Dentistry.

The third year is devoted *exclusively* to Operative and Prosthetic Dentistry.

At the end of the second year the student may present himself for examination on Anatomy, Physiology, Chemistry, and Materia Medica.

At the end of the third year he is examined on Operative and Prosthetic Dentistry.

As, however, no amount of scientific attainment can compensate for lack of manipulative skill, a large part of the student's time is devoted to actual practice in the Infirmary, for which purpose the large and centrally located College building gives ample opportunities.

The operating-room fronts on one of the Government reservations, and thus has a full, unobstructed light, so desirable in dental operations. It is furnished *throughout* with Morrison chairs, and all necessary appliances that will enable a student

to acquire the knowledge of office practice, as well as a diversity of Clinical experience.

A large, comfortable, and well-lighted dental laboratory is supplied with all the requirements for the successful practice of Prosthetic Dentistry, and lockers are available for the safe-keeping of instruments belonging to the students.

The extracting room is separate from the others, and is fitted up for the proper administration of the various anæsthetics, under the immediate supervision of a demonstrator thoroughly skilled in their application.

Special attention is called to the thoroughness of the practical instruction in the Infirmary, which is under the immediate supervision of Prof. Lewis. Dr. R. Finley Hunt, the Demonstrator in charge, is in constant attendance during the entire term, directing and overseeing the operations of the students, who thus have the benefit of his many years experience in Dental Practice.

The Infirmary is open every week-day for nine continuous months (being closed during the months of July, August, and September), during which time an abundance of Clinical material is readily available; in fact, fully as many patients present themselves as can possibly be attended to by the students.

The student has, therefore, the privilege of *twenty-seven months' actual practice* in the Infirmary, during which time he may become proficient in all those operations which the dental surgeon is ordinarily called upon to perform in office practice.

## GENERAL SKETCH OF THE SEVERAL LECTURE COURSES.

### PROSTHETIC DENTISTRY AND METALLURGY.

PROF. J. HALL LEWIS, D. D. S.

In this Department the principles involved in the construction of artificial substitutes will be exhaustively considered, and the lectures supplemented by practical demonstrations of the subjects mentioned.

In addition to the more commonly used vegetable bases for artificial teeth, the use of Gold, Silver, Platinum, and Fusible Alloys will be thoroughly taught, and Bridge-work, the con-

struction of appliances for correcting Oral Irregularities, Inter-dental Splints for Fractures, etc., will be carefully considered.

The modes of preparation, properties, etc., of the Metals and Alloys of particular interest to the Dentist will receive special attention.

Professor LEWIS will endeavour to make his instruction thoroughly practical, and to prepare the student for the actual, every-day practice of Prosthetic Dentistry.

#### OPERATIVE DENTISTRY, DENTAL ANATOMY, AND PATHOLOGY.

PROF. HENRY C. THOMPSON, D. D. S.

This Course embraces Lectures on the Special Anatomy and Physiology of the Teeth. The origin, growth, and eruption of the teeth receive minute attention, and will be illustrated as their importance demands.

The methods of treating, filling, and extracting teeth will not only receive attention in the lecture room, but be demonstrated clinically, by gentlemen whose reputations are fully established as most proficient operators.

#### CHEMISTRY.

PROF. EDWARD T. FRISTOE, LL. D.

The instruction of this Department embraces—

1st. A short discussion of the various branches of Physics, as Specific Gravity, Pneumatics, Heat, Light, Electricity, etc., as far as they relate to the Science of Chemistry.

2d. The principles of chemical philosophy, the laws of chemical combinations and of chemical affinity in general.

3d. A discussion of the elementary bodies, both metallic and non-metallic; the best methods of preparing the various inorganic bodies, their properties and reactions, and the means of detecting their presence.

The principles of the science are abundantly illustrated by experiments.

#### PHYSIOLOGY.

PROF. WILLIAM LEE, M. D.

This Course of Lectures will consist of a full, clear, and practical exposition of Physiology, aided as far as possible, by experiments, vivisections, and diagrams. The more fully to impress upon the memory of the student the important principles embraced in this valuable part of his curriculum,

reviews will be held from time to time in the form of class examinations. The course will be confined strictly to Physiology, with a view to cover fully the whole ground occupied by this branch. Due attention will be paid by this Chair to the study, with the microscope, of Normal Histology.

#### MATERIA MEDICA AND THERAPEUTICS.

PROF. D. W. PRENTISS, A. M., M. D.

In the course of instruction pertaining to this Chair especial prominence will be given to the physiological action of medicines and their therapeutic uses.

It will be the endeavor of Professor PRENTISS to make his instruction as practical as possible. The lectures will be supplemented by working prescriptions and black-board illustrations, as occasion will admit.

From this Chair the student will be taught the use of the Metric System in Medicine.

#### ANATOMY.

PROF. D. KERFOOT SHUTE, A. B., M. D.

This Course of Lectures is arranged with the view of rendering the didactic instruction in Anatomy as full and complete as the limits of the session will allow.

The Lectures will be illustrated by frequent reference to recent dissections and numerous drawings and diagrams. The sciopticon will also be employed constantly to present photographic views of many regions of the body.

Public oral examinations are conducted by the Lecturer from time to time.

Drs. William F. R. Phillips and Chas. S. Kalb, Prosectoris to the Chair of Anatomy, will prepare the subject for the Lecturer.

Dr. William P. Carr, Demonstrator of Anatomy, and his assistants, Drs. Ruffin and Young, give their personal attention to the students in the dissecting-room.

#### PRACTICAL ANATOMY.

The Dissecting-Room of this College is large, thoroughly ventilated, well lighted, and furnished with every requisite for the convenience and comfort of the student. Anatomical material is abundantly supplied at a moderate price, only sufficient to cover the expense of procuring and preparing it. The room is open both during the day and at night until 11 P.

M., or even later on some occasions. It is under the supervision of the Faculty and the immediate direction of the Demonstrator of Anatomy, who, with his assistants, is present *at stated hours* to give his personal attention to the students and properly instruct his classes in their dissections.

#### CLINICAL OPERATIONS.

One evening in each week a member of the Corps of Clinical Operators will lecture upon some subject of general interest in Dentistry, and upon the following Saturday, whenever admissible, will give in the Infirmary a practical demonstration of the subject mentioned.

Special attention is called to the fact that the members of the Clinical Corps take an *active* part in the College instruction, each member giving several Lectures on special subjects during the Winter Course, besides holding Clinics at the Infirmary.

#### REQUIREMENTS FOR MATRICULATION AND GRADUATION.

1. *Matriculants* will be required to show, either by examination or by the exhibit of a diploma or certificate from some reputable literary institution, that they have received a good English education.

2. *Candidates for graduation* must have attended three full Courses of Lectures, each of five months' duration, and three courses of Clinical instruction in this institution, during the regular winter term and in separate years.

If, however, the candidate, before matriculation, shall have attended one Course of Lectures in some other reputable Dental College, or one or more courses in some reputable Medical College, then he may enter the Second Class of this Institution, and thus become a candidate for graduation after two more years' study.

And also, if the candidate shall have attended two full Winter Courses in some other reputable Dental College, or if he be a graduate of a reputable Medical College and have had one year's Dental Instruction, then he may be eligible for examination after one full Course in this College.

The candidate must be examined upon all subjects taught in this School, and before the examination he must *perform operations upon the natural organs in the Infirmary* and present a well-constructed specimen of Dental mechanism *made by himself in the Dental Laboratory of the University*, which shall be afterwards deposited in the College Museum.

In addition to the above requirements, the moral character and habits of the candidate, his industry and diligent attendance, will be taken into consideration. Notable negligence, immorality, and habitual absence from the lectures will, it is distinctly understood, preclude the candidate from attaining his degree, even though he may have acquired sufficient technical knowledge to pass a creditable examination. The reservation on the part of the Faculty of the right to make good moral character a prerequisite for graduation must not be overlooked.

#### ADMISSION OF WOMEN.

The Board of Trustees of this University having authorized the admission of women to the Dental Department, they are now admitted to matriculation and graduation, subject to the same rules and with the same privileges in all respects as are accorded other students.

#### FEES, REGULATIONS, ETC.

Matriculation (payable once only)-----	\$5 00
Full Course of Lectures on all Branches-----	90 00
Demonstrator of Anatomy-----	10 00
Single Tickets-----	15 00
Examination Fee (not returnable but payable once only), Primary Branches-----	20 00
Examination Fee (not returnable but payable once only), Final Branches-----	10 00

No fee for Graduating Expenses.

In conformity with the forgoing regulations, the expenses for each of the three courses are as follows :

#### FIRST COURSE.

Matriculation-----	\$5 00
Four Primary Tickets-----	60 00
Demonstrator of Anatomy (Obligatory)-----	10 00
Total-----	75 00

#### SECOND COURSE.

Four Primary Tickets-----	\$60 00
Two Final Tickets-----	30 00
Demonstrator of Anatomy (Optional, \$10.00)-----	20 00
Examination Fee, Primary Branches-----	
Total-----	110 00

#### THIRD COURSE.

Two Final Tickets-----	\$30 00
Examination Fee, Final Branches-----	10 00
Total-----	40 00

Graduates of other recognized Dental Colleges will be admitted on paying the matriculation fee and *fifty* dollars.

No charge will be made to matriculants for the courses of Practical Instruction in the Laboratory, on Physiology and Histology, nor for Clinical Lectures.

Payment of the fees is required in all cases, and tickets must be taken out at the commencement of the session, unless special arrangement be made with the Dean to suit the convenience of the student.

The degrees are conferred by the authority of the Columbian University, incorporated by act of Congress of the United States of America.

Students may matriculate at any time during the nine months' Infirmary Course, and thus begin Infirmary Practice at once.

*Graduates* of this school may be admitted as third-year students in the Medical Department after passing the *medical* examination in Anatomy, Physiology, Chemistry, Materia Medica, and Therapeutics. After two years' additional study on Surgery, Practice, and Obstetrics, they will be admitted to the final examination for the Medical degree.

Candidates for graduation in the Dental School who desire to obtain a medical degree thereafter, may be admitted to the *medical* examination on the four primary branches at the termination of their second dental course, *provided* they give written notice to the Dean of their intention so to do *one month* before the time of the March examinations, and provided also that they have complied with the requirements of the Medical Department as regards dissection and study of Histology.

The prices of board and all other personal expenses are as reasonable in Washington as in other large cities of the Union. Students requiring further information are requested to communicate with the Dean of the Faculty.

A. F. A. KING, M. D., *Dean,*  
726 13th Street, N. W., Washington, D. C.  
Telephone Call, 885.

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#### LIBRARIES, ARMY MEDICAL MUSEUM, ETC.

The location of the University at the seat of the National Capital affords several striking advantages to the dental student. He has free access to the Libraries of Congress, of the Army Medical Museum, of the Smithsonian Institution, and of the Patent Office—all of which contain rare and costly works in every department of science and literature.

The Congressional Library contains copies of all the important dental works ever published, and the student has free access to these, for study or reference, on any week-day, from 9 to 3 o'clock.

The Army Medical Museum, situated on B street, corner Seventh street, S.W., is also open for daily inspection, with its unrivalled collection of pathological specimens, illustrating the results of disease in every form. It also contains almost numberless crania of every human nationality, by an examination of which the student can find many dentures of theoretical perfection, and observe the effect of civilization and race admixture upon the dental organs.

Apart from these considerations, students from a distance have the opportunity of spending a winter profitably at the seat of the National Government during the session of Congress. The College lectures beginning at 5.30 in the evening, ample time is afforded during the term for visiting the public buildings, works of art, and other places of interest to a stranger. Prominent among these may be mentioned the new National Museum, established in connection with the Smithsonian Institution. Here may be seen fully classified collections illustrating the arts and industries of the country; and of special interest to the medical and dental student, there is found in this Museum the most complete and best arranged collection of Materia Medica in the world. The drugs are shown in all their processes of manufacture, from the original package in which they are imported or marketed, to the delicate alkaloid constituting the active principle.

Of great interest, also, are the Government Botanical Gardens and the Grounds of the Agricultural Department, where the student of botany may find a rare collection of medical plants, from which are derived many of the preparations of the Materia Medica.

At the United States Patent Office models of every conceivable form of dental instruments may be daily inspected, thus affording to the student an invaluable opportunity for studying the mechanical contrivances used in dental practice that is not to be obtained in any other city.

#### STUDENTS OF DENTISTRY.

CHARLES W. APPELER	Maryland.
JOHN H. BURCH	District of Columbia.
WILLIAM L. CLARK	District of Columbia.
WILLIAM N. COGAN	District of Columbia.
JOSEPH COHEN	Texas.
HAMILTON DIMICK	Alabama.

JONATHAN R. HAGAN	Virginia.
WILLIAM H. HEISER, M. D.	Pennsylvania.
WILLIAM C. MASON	Indiana.
JOHN E. McDONALD	Canada.
GEORGE A. H. MILLS	New York.
ROBERT L. NALL	Kentucky
BENJAMIN F. ODELL, D. D. S.	Illinois.
FREDERICK W. PARKER	New York.
N. WILLIS POMEROY	District of Columbia.
SIGEL ROUSH, A. M., M. D.	Ohio.
GEORGE H. TOWNSEND	Virginia.
CARL TREDE	Germany.
CHARLES S. WICKLIN	Iowa.

STUDENTS OF DENTISTRY ..... 19.

#### GRADUATES IN DENTISTRY.

JONATHAN R. HAGAN	Virginia.
BENJAMIN F. ODELL, D. D. S.	Illinois.

#### DENTAL UNDERGRADUATES.

Passed a satisfactory Examination in three or more Primary Branches.

WILLIAM L. CLARK	District of Columbia.
GEORGE A. H. MILLS	New York.

## Text Books and Works of Reference.

ANATOMY—*Gray's Anatomy*, \* Quain's Anatomy, Descriptive and Surgical; Holden's Manual of Dissection.

PHYSIOLOGY—*Landois'*, Dalton's or Flint's Physiology; Foster and Langley's Practical Physiology; Rutherford's Practical Histology.

CHEMISTRY—*Mitchell's Dental Chemistry*, Barker's or Fowne's Chemistry.

MATERIA MEDICA.—*H. C. Wood's Therapeutics*; National Dispensatory; Edes' Therapeutics.

PROSTHETIC DENISTRY—*Richardson's Mechanical Dentistry*; Essig's Dental Metallurgy.

OPERATIVE DENTISTRY—*Harris' Principles of Practice*; Tomes' Dental Anatomy and Surgery; Taft's Operative Dentistry; Garretson's Oral Surgery; American System of Dentistry—Litch.

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\*The works first named and in *italics* are preferred.

# The Columbian University,

WASHINGTON, D. C.

Collegiate and Professional Instruction is given in the Columbian University in five departments: The COLUMBIAN COLLEGE, the NATIONAL MEDICAL COLLEGE, the SCHOOL OF DENTISTRY, the COLUMBIAN UNIVERSITY LAW SCHOOL, and the CORCORAN SCIENTIFIC SCHOOL.

The first of these comprises the usual College course in Languages (Ancient and Modern), Mathematics, the Physical Sciences, History, Mental, Moral, and Political Philosophy, with specific courses leading severally to the degrees of Bachelor of Arts, Bachelor of Science, and Bachelor of Letters.

The National Medical College, the Medical Department of the University, comprises a full course of study in the Science and Art of Medicine, leading to the degree of Doctor in Medicine.

The Dental School comprises the course of study defined in this catalogue.

The Columbian University Law School has an undergraduate course of study in the elements of Law, leading to the degree of Bachelor of Laws, and a graduate course of study in Practice, leading to the degree of Master of Laws.

The Corcoran Scientific School comprises general courses of study, leading to the degrees, respectively, of Bachelor of Science and Civil Engineer, and a *special* course in Chemistry and Metallurgy, leading, with certain auxiliary studies, to the first named of these degrees. The Chemical Laboratory, recently constructed, affords ample facilities for analytical work.

Besides the foregoing higher departments, the University has under its management a Preparatory School, in which students are prepared for College, for the Military School at West Point, or for the Naval Academy at Annapolis.

For further information, or for catalogues, address—

JAMES C. WELLING,  
*President, Etc.*

1892

THE DEVELOPMENT AND FUNCTIONS  
OF THE  
"GRADUATE SCHOOL,"  
BY  
CHARLES E. MUNROE,  
*Dean of the School of Graduate Studies.*

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One year ago the inauguration of the School of Graduate Studies of this University was effected when we gathered at the initial opening exercises held in this place to listen to the masterly address delivered by our revered President on the "Science of Universal History Considered as the Indispensable Complement of the Physical Sciences." This event, which attracted attention quite beyond the limits of our community, marked a most important epoch in the history of this institution, in the educational development of Washington, and in the academic career of him who spoke, for it signalized our growth into a University in the most advanced sense in which this term is used; it offered for the first time opportunities for the cultured students of our country to pursue advanced studies and conduct researches under specialists of acknowledged standing and reputation at the National Capital, where there is gathered a larger fund of material (much of which is original or unique) in the museums and archives; where there exists a greater number of and more completely specialized libraries; where there is assembled a greater number of specialists, particularly in the natural and physical sciences, than is to be found in any other community in this broad land, and where alone in this country the larger functions of government may be viewed close at hand and in detail; and, finally, this event marked the realization of

the plans for that university work which Dr. Welling presented in his address on assuming the presidency in 1871 and for the prosecution of which he subsequently constantly and persistently labored under the most discouraging circumstances.

As we listened to the President's address, the well-turned phrases, the polished diction, the gems of thought, the cogent argument, and the apt illustrations, we felt that a master was before us, from whom we were receiving the results of the best thought, the widest research, the long and varied experience of one whose scholarship was broad, profound, ripe, exact, and tolerant, and we rejoiced that our new departure, the success of which meant so much to this institution, to this community, and to the cause of sound learning, could not have been begun more auspiciously.

But a year has passed, and on the anniversary of this event it is a cause for profound regret and heartfelt sorrow that the voice which charmed us is mute; the virile brain is at rest; the richly-stored mind can no longer give us of its wealth and wisdom. An all-wise but mysterious Providence has deemed it best, and the hand of death has been laid on the serene scholar, the philosopher, the jurist, the historian, the patriot, the genial companion, the courtly gentleman, the wise and sympathetic counsellor, our President. I would that I were skilled in the arts of the orator that I might sound his full meed of praise and the extent of our loss. Fortunately, his eulogy will be pronounced by one more competent and on a more fitting occasion, but I may be permitted to express here and in this connection my deep sense of personal and irreparable bereavement.

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The official announcement of the "Graduate School" states that "the School will be opened each year with a public address by a member of the Faculty," and unhappily for you and for me this duty has this year fallen to my lot, for I am not fitted either by aptitude or experience for making speeches "on occasions," and I feel particularly embarrassed by the unusual merit of the address made at our first opening, whose excellence must always remain as a standard for those who follow in this place.

Owing to this fact, and to my studies for many years past having been along somewhat narrow lines, I had prepared to address you upon a feature in my specialty, but the unexpected death of the creator and organizer of this School rendered it, in my judgment, and I trust in yours also, more fitting that what he had accomplished and what, so far as I am aware, he hoped for in this School should be placed on record and recited here, and with your kind permission I will devote the time at my disposal to the consideration of the development, scope, and objects of the School of Graduate Studies.

In his inaugural discourse, on being inducted into the presidential chair, November 6, 1871, Dr. Welling selected as his theme "The Fundamental Elements of Intellectual Education," and while discussing, as he was so very well fitted to do, the relative merits of ancient and modern learning in an academic curriculum he says:

"Accepting the theme thus suggested to me by the proprieties and formalities of this occasion, I have, in the first place, to inquire what is the object which we should set before us in determining the elements of higher academic learning. For with the lower stages of juvenile culture we are not directly concerned tonight, and as to them there is not so much room for difference among educators. According to the terms of the problem proposed by higher education we are called, as I conceive, not to discuss the special adaptation of specific educational studies designed to meet the requirements of any particular vocation in industrial or professional life, but to investigate the fundamental elements of that more liberal and generous culture which looks to the symmetrical development of the whole man in all his powers and capacities; and, as this is the object of higher academic education, it necessarily follows that any system of such education must be defective if it omits from its purview any one of those essential studies by which the human race has been advanced to its present civil, social, intellectual, moral, and religious status. As in ancient Egypt men were able, it is said, by the graduated scales of the nilometer not only to measure the depth of the fertilizing waters that covered the land, but also to predict the extent of the coming harvest, so from the standard of education in any age we may not only

gauge the degree in which it rises to the wants of the present time, but may also forecast the destiny it prefigures to the coming generation. Institutions of higher learning are founded among men to perpetuate and to transmit the existing stock of knowledge in all those departments which conduce to the intellectual progress of our race. Failing in this end, whether from a defect in the methods or means of education, they visibly fall below the standard erected for them in the requirements of the living age; but they do not subserve all the ends of their creation by achieving this purpose alone. It is not enough for educators in the higher walks of their art to preserve and propagate the elements of didactic knowledge, but they are bound so to impart these elements in all their fullness and vitalizing power as to create the conditions of a growing *advancement* in learning and civilization. \* \* \*

" It was from a disregard of this latter educational requirement that the progress of mental culture was arrested in Greece so soon as the pedagogues who succeeded the age of original inquiry contented themselves simply with the existing state of knowledge, instead of so learning it themselves and so teaching it to their pupils as to propagate with knowledge the love of it, and thus to *stimulate* and *direct* that *spirit of inquiry* which leads to never-ending conquests in the world of thought and nature; and so, too, during the Middle Ages knowledge came to a standstill in Europe, not from any torpor of the mental faculties among the school-men, for never were men more laborious and more acute than they, but because their mental activity revolved in the verbal philosophy of Aristotle as if in a tread-mill, and was not suffered to go beyond the tether of that professorial and didactic discipline which bound it to the past, as if the past had contained in itself the be-all and the end-all of human philosophy. They failed to see in the successive stages of human history the stepping-stones of an ever-advancing progress. Under such a theory science degenerated into a mere logomachy and literature dwindled into a dry and formal rhetoric. \* \* \*

" It is only in so far as the Occidental nations have made learning reproductive and progressive that ' fifty years of

Europe' are, as Tennyson tells us, better than a 'cycle of Cathay.' \* \* \*

"If it be, as I have argued, the function of a university not only to embody and perpetuate the existing store of human knowledge, but also to consult for the 'progression of the sciences,' it necessarily follows that the sciences based on physical research must occupy a prominent place in any system of modern intellectual education. Considered apart from the modifying force of Christianity, our modern age differs from that of Greece and Rome mainly by virtue of those positive sciences which have shed such a surpassing lustre on every path of modern life and on every walk of modern art; and these sciences, more than any others, contain in themselves the conditions and the presage of a never-ending advancement."

Through all this the central idea is that the higher academic learning which he sought to engraft upon the Columbian College as it then existed was that which led to the advancement of knowledge through research, and those of us who are familiar with Dr. Joseph Henry's views as to what was meant by the "advancement of knowledge" and how zealously and fortunately for the cause of science, with eventual success, he strove for the adoption of his interpretation of the similar phrase in Smithson's will are not left in doubt as to Dr. Welling's concurrence in Henry's views, when, in enumerating the opportunities at command, he says:

"There is nothing esoteric in the learning of our day; and what advantages are ours both for gaining and diffusing the blessings of highest culture? For here, at our very doors, we have the Smithsonian Institution, perpetually working, under the guidance of its illustrious Secretary, on the boundaries of knowledge in all departments, thus literally fulfilling the will of its founder and exemplifying the highest function of a university by increasing and diffusing knowledge among men; and here is the National Library of Congress, with its well-filled alcoves, open alike to teachers and scholars for purposes of literary or scientific research; and here, for the study of technology, are the accumulated fruits of American inventive genius stored in the Patent Office; and here, for the progressive scientific study of astronomy, is the National Observatory; and here is

that no less learned than useful school of practical geometers connected with the Coast Survey; and here are the gardens which, under the keeping of the Agricultural Department, invite to the study of botany not in dry herbaria and in drier tomes, but amid flowery walks through which Shenstone would have loved to ramble by the side of Linnaeus or Hasselquist; and here, for the student of law, are the highest seats of our American themis, as here, for the votaries of the healing art, are the priceless treasures of the Medical Museum, without any rival in the world among institutions of its kind; and here, by the munificence of him who stands at the head of the governing board of our College, is the Corcoran Gallery of Fine Arts, to keep alive the love of beauty in the soul of man.

"God grant that the day may not be far distant when our College, already a university in embryo, may be able by the munificence of its endowments, and therefore by the range of its studies, to take advantage of all these singular opportunities for promoting true culture in all its departments."

It is today generally accepted in this country that a great university discharges two important functions, mutually dependent yet essentially distinct, and both promoting in a high degree the civilization, refinement, intelligence, and spiritual elevation of the community in which it exists; that such an institution should be at once an educator of youth and a source of knowledge, and if it fails to do its work well in either of these capacities the public interest suffers. But at the time this address was made it was still generally believed that the purpose of the higher institutions as well as of the lower institutions of learning was to instruct pupils in existing knowledge, and the idea prevailed that in most departments teaching was the only occupation for which the professors were paid. Little or no provision was made for research, and if an ambitious student followed a difficult investigation to its result the institution rejoiced and was glad to profit by the reputation gained; but this was regarded as work of supererogation and purely a question of personal merit. It is true that original research had been for some years conducted by students in the scientific schools at Harvard and Yale and occasionally by students at other institutions; but this seems to have been brought about by the inspira-

tion and example of certain individual professors of rare eminence and eager to promote scientific achievement, and not because the institution required it as a prerequisite to a degree, though the degrees obtained in this manner soon attained to very high esteem.

It is true also that the custom of admitting graduate students in residence had obtained at several of the existing institutions for many years, and that the degree of Doctor of Philosophy was conferred in certain instances on students completing two years' work in two distinct departments of learning, passing satisfactory final examinations, and presenting a thesis giving evidence of high attainment in the branches they had pursued, but the acquisition rather than the advancement of knowledge seems to have been the duty imposed upon them.

In fact, so far as it appears from the record, the graduate department or school, as now recognized, began at Cornell in 1871; at Harvard and Yale in 1872; at the University of Michigan in 1875; Johns Hopkins in 1876; Princeton in 1877; University of Virginia in 1880; University of Pennsylvania in 1881; Leland Stanford in 1891; University of Chicago in 1892; Brown and Columbian in 1893; and the importance and benefit of the methods of these schools was so immediately recognized that the attendance rose, speaking in round numbers, from 200 in 1871-'72 to 2,000 in 1889-'90.

It was at this time and on the very threshold of this movement, which has proved of such inestimable value in the promotion of learning and the advancement of knowledge, that Dr. Welling plead his cause, and from the inspection of his annual reports, his contributions to the current press, and his addresses before conventions since that time it appears that in all seasonable places and on all promising occasions he sought the means by which this grand scheme might be adopted and made operative. Thus, in his report for 1888-'89, he says:

"I adhere in 1889 only the more emphatically to the opinion expressed in 1872 that it is only as a rival of great seats of learning that the Columbian University can ever realize the height of its mission."

In these articles he repeatedly insists on larger opportunities of original research. At times he gives detailed schemes for

portions of the Graduate School, such as the School of Political Science and the School of Comparative Jurisprudence, in the latter of which "the law of the civilized world shall be taught as a history and a philosophy, from the first rude germs of the clan stage of human government up to the highest evolutions of that international law which today sits supreme above all polities and all conventions of men, and which by its moral sovereignty is perpetually moving forward the boundaries of truth and righteousness in the relations of States. In such a school the codes of particular nations would pass under review only so far as they marked successive stages of human progress, and only so far as each has contributed its rays to what Lord Coke called 'the gladsome light of jurisprudence.' The civil law of Rome, for instance, would be taught in its origin under the early kings; in its progress from the kings to the twelve tables; from the twelve tables to Augustus; from Augustus to Constantine; from Constantine to Justinian, and from Justinian to the present time. But it would be expounded as a philosophy teaching by example and not as a barren erudition or as a branch of curious and antiquarian learning. In such a school we should not be called to do over again the unfruitful work of Heineccius and Gravina, even for the sake of tracking Gibbon to the insufficient sources from which he drew the materials for his remarkable chapter on the civil law. In such a school the common law of England would be studied in its primitive sources—the sources which, in giving to it color and direction, have determined for us its true significance and its true interpretation. If so simple a story as the parable of the Prodigal Son is found to contain four distinct references to the sociology of primitive times, it need not surprise us that the codes of the world should swarm with survivals from the early stages of primeval law. Anthropological science by its comparative methods is transforming the explication of primitive law, and therefore is transforming the history of law as an evolution of the human race; and in such a school the international law of the civilized world would be taught not only as a body of doctrine and of acquired facts, but preëminently as a spirit working for righteousness in the intercourse of nations, and therefore working above and beyond the boundary already reached by the foremost

nations of Christendom—that is, the science of jurisprudence would become prophetic of the next things to be hoped for and labored for in legislation and international law, because it would mark the point of the curve through which the nations are moving today.”

Not all of these noble and far-sighted plans have yet been made operative; but in 1892 it was made the duty of the faculties of the Columbian College, the Medical School, and the Corcoran Scientific School of this University to devise schemes of graduate study in their respective departments, and this duty was so successfully performed and the teaching force so increased that the Graduate School on its present plan was opened for instruction in the following year, with 24 professors, offering 72 courses in the ancient and modern languages, history and philosophy, mathematics pure and applied, the natural and physical sciences, and in civil and electrical engineering, and with 24 students enrolled.

The conferring of the degrees of Master in Arts and Science and of Doctor in Philosophy was allotted to this School of the University, and the standard of the engineering degrees was raised by directing that thenceforward the degree of Bachelor of Science alone should be given to students successfully completing either of the four years' required courses in the Corcoran Scientific School, and that the degrees of Civil and of Electrical Engineer should only be conferred on those who, after receiving the Bachelor of Science degree in these branches of technology, should successfully pursue one year's study as prescribed in the Graduate School, sustain a satisfactory examination, and present a satisfactory thesis. In all cases residence at the University was to be an essential to the attainment of a degree.

When the question of the degrees to be offered was under discussion the custom which prevails at some universities of awarding different doctorate degrees according to the character of the studies pursued by the candidates was considered; and it was decided that it was unwise and unnecessary to multiply the number of degrees, and that the conferring of the Doctor of Philosophy degree only upon all who satisfied our requirements, regardless as to whether their preliminary degrees were in arts or science, was justified by reputable precedence and

would lead to no misunderstanding in practice. Indeed, the distinctions which formerly characterized the studies leading to the Bachelor of Arts degree from those leading to the Bachelor of Science degree have been greatly modified in recent years by the introduction of the elective system into our colleges, so that science studies in these colleges carry equal weight with the humanities, and the introduction of the modern languages, political economy, history, philosophy, and the like into the required courses of the schools of science and technology has served to still further diminish the distinction, while the severe methods of training and criticism of authorities common to science methods renders the graduate of the latter schools equally fit if not better prepared than those educated by the older methods to conceive novel and original views and to cope with the difficulties of research work.

In this hall at the inauguration of the Corcoran Scientific School, speaking on this subject of scientific studies, Major J. W. Powell said :

"The establishment of a school of science and arts at the Capital of the Nation, through the munificence of Washington's venerable philanthropist, is a landmark in the progress of culture and the history of education, and shows that the demands of modern culture are fully recognized.

"Let us briefly glance at some of the characteristics of this new education.

"Scientific education is catholic; it embraces the whole field of human learning. No student can master all knowledge in the short years of his academic life, but a young man of ability and industry may reasonably hope to master the outlines of science, obtain a deep insight into the methods of scientific research, and at the same time secure an initiation into some of the departments of science in such a manner that he may fully appreciate the multitude of facts upon which scientific conclusions rest, and be prepared to enter the field of scientific research himself and make additions to the sum of human knowledge. Honest investigation is but the application of common sense to the solution of the unknown. Science does not wait on genius, but is the companion of industry. Under the régime of the elder education the larger number of those who prepared them-

selves to be scholars by acquiring the languages in which scholarship was embodied never passed beyond the portal to knowledge, but speedily fell back into the ranks of the unlearned. Only the few went on to explore the fields open before them; *many were called, but few were chosen.* Scientific education takes men at once into the very midst of the new philosophy."

It is true that there existed even in the recent past a tendency to undervalue the primary degrees in science, and several of the older institutions, where the ancient scholastic notions were most firmly rooted, although unwillingly forced to recognize and confer such degrees, persistently aimed to enhance the value of the arts degree by depreciating those in science. But the recognition of the fact that the modern subjects possessed in themselves the elements of culture; that they were often tolerated by and matured in minds to which the older topics were repugnant; that they were better adapted to the modern conditions of our progressive civilization, and that a noticeably large percentage of the winners of these degrees took high rank among scholars and leaders of thought and action have led to a continually increased respect for the science courses, so that today the number of students selecting the science in preference to arts courses, even without considering the schools of technology purely, is exceedingly large. Thus, for instance, we find that in 1892-'93 the candidates for undergraduate science degrees were to those for arts degrees in Cornell as 8:1; University of Michigan, 3.4:1; University of Pennsylvania, 3:1; Columbia College, 1.3:1; Yale, 1:2; Princeton, 1:2.2, and Harvard, 1:16.

This growth is a matter to be reckoned with by those who are charged with the direction of our institutions of learning, and it has been made a special subject of treatment by President Eliot in his last annual report, and, as he cannot be charged with having especially fostered such courses, his views have a peculiar interest when he says that while access to the schools of science is often easier than to the academic departments, "as a rule, there is more of the spirit of hard work in the scientific schools or courses than in the colleges or the college departments of universities. The motive of earning a livelihood

presses more constantly, and the students feel more distinctly that they are beginning their life-work, and that their future success may be determined by their present acquirements and the habits of work which they form. On the other hand, waste of time in sports, social enjoyments, and desultory reading is, by custom, tolerated more in colleges than in technical schools.

"The degrees in science are rapidly winning their way to public consideration and the respect of educated men. Thus it is the practice in the higher departments of Harvard University to put primary degrees in science, in many respects, on the same footing with the degree of Bachelor of Arts. For example, the degrees of Bachelor of Literature, Bachelor of Philosophy, and Bachelor of Science admits to the Law School and to the Medical School without examination, just as the degree of Bachelor of Arts. The Graduate School admits freely as candidates for appropriate degrees both graduates of colleges and graduates of scientific schools in good standing, and it is to be observed that *the holders of these newer degrees win valuable appointments in larger proportion than their number would entitle them to.*"

It is greatly to be feared that in the near future this movement will have gone so far in its course that the great value of the ancient classics and philosophy in our curricula will not be properly recognized. Whether or not the proper equilibrium will be maintained will be largely dependent on the work done in the Graduate Schools.

While students properly graduated from reputable schools of technology and application are freely admitted with students of arts to our Graduate School, and eventually, on satisfying our requirements, are awarded the same final degree, yet all, except students in engineering, are expected to select studies and investigate problems without regard to their applications, for a university is only such when it has for its object the pursuit of knowledge in the most exalted sense in which that term is used, namely, the ardent, methodical, independent search after truth in any and all its forms, but wholly irrespective of utilitarian application, and where there exists complete freedom of teaching and complete freedom of learning. Hence candidates are permitted to choose from the courses offered any of the subjects

which their attainments, aptitude, and experience qualifies them to pursue, and they are not subjected to any fixed schedule, prescribed attendance, set recitations, or definite limit of work. The work is to be as largely as possible individual so as to develop and preserve the best qualities of each person and to cultivate originality. The professor is to be the student's guide, philosopher, and friend, his example and his inspiration. They will meet at such times and places, at regular or irregular intervals, as they may mutually agree upon, and conduct the work in such manner and over such ground as the professor may deem most judicious. The professor will advise and supervise the student; direct his reading and bibliographic research so that it may be broad, suggestive, exhaustive, and relevant to the particular subject under consideration; assist him in his difficulties, but so that he may help himself and become self-reliant and resourceful; stimulate him if he lags and repress him if he attempts too much; attack his methods of work and criticise his discussions of his data and his deductions therefrom. The professor is the sole and final judge as to whether or not the candidate has sustained a satisfactory examination, and for any, except candidates for the doctor's degree, as to whether or not he has presented a satisfactory thesis showing high attainment in his chosen subject (though the professor may adopt such plan and call into consultation such experts to determine these facts as he deems best), while in the case of the doctorate thesis he will decide whether or not it is suitable for presentation to the board of experts and the candidate is sufficiently well prepared to successfully defend it.

In fixing the requirement for degrees it was further decided that candidates for the degree of Doctor of Philosophy should offer themselves in three topics for advanced study—one major and two collateral minor subjects. Before being admitted as candidates they shall pass satisfactory examinations in French and German.

To be eligible for the degree, candidates who hold master's degrees must pass two years in study at this University, they must sustain satisfactory examinations upon the three subjects which they may have elected, and they must present theses embodying the results of original research in their major sub-

ject, which theses they must be prepared to defend before a board of experts, and which must be accompanied by an exhaustive bibliography.

The requirement in French and German was recognized by general consent as an essential preliminary, since the literature in these tongues is so rich and of so important a nature; but, as the test to be applied was to determine the candidate's ability to use these tools of research rather than his culture, it was considered sufficient that he should be able to prove that he could easily and accurately read and render at sight works written in these languages on the subjects which he had elected for study, while it was understood that where the nature of the subject elected warranted it and the candidate desired to demonstrate that he possessed an equal familiarity with another tongue the Board of Directors of University studies might determine if this could be accepted as an equivalent.

As in the case of the master's degree, the candidate for the doctor's degree must present a thesis; but, while the master's thesis would be satisfactory if it showed a high attainment in the subject chosen for study, the doctor's thesis, to be satisfactory, must embody the results of original research and prove an actual contribution to knowledge—that is, while the master's thesis must give evidence of high attainment the doctor's thesis must not only give proof of this, but also of achievement.

Further, it must be accompanied by an exhaustive bibliography, which is an unusual requirement, but one which is in complete accord with modern practice in research work, while the compiling of such a bibliography is an essential preliminary in the carrying out of any original investigation in either science or art.

This requirement also but emphasizes the methods which are now being made a feature of undergraduate instruction in our more progressive institutions, where specially selected libraries are being introduced into the class-rooms and placed freely at the disposal of the student, while they are forced to consult these books and periodical literature by the many references and citations brought forth by the instructors. The growth of these libraries and the universal use made of them is a most encouraging feature in modern educational progress, for how-

ever troublesome and expensive it may be to teach thousands of students the abundant use of books it is the most important lesson that can be given them during their student life, since there is nothing more essential to scholarship than the habit of thorough comparative study of many books relating to whatever subject a student may have in hand; for the free use of books emancipates the student from the dominion of a text-book or single treatise; enables him to practice resort to original authorities; reveals to him the great extent to which matter once printed is copied from book to book, generation after generation; shows him how limited the data is from which some important and generally accepted conclusions have been deduced, and supplies him with the original data through which to verify or modify these conclusions by the application of more modern methods of analysis or treatment.

Besides this, it is especially fitting that we should demand this requirement, as bibliography has been cultivated to a high degree by the community amid which we exist, and it is most highly appreciated by the members thereof. It has engaged the attention of quite a number of the members of our faculties, and one among them has achieved great distinction for his unusually extensive and exhaustive labors in this field; it is taught by special lectures in certain schools of the University; and it should be, as it probably will come to be, recognized as a characteristic feature of our University work.

Besides these requirements there comes the final and most severe one of the defense of the thesis; a test in which the candidate, his senior professor, and the experts themselves are all under judgment. This requirement of the defense of the thesis was the subject of more consideration and discussion than any of the others, and was adopted only after mature deliberation. Although it is not a common practice among American universities, it was not objected to on the score of novelty, since it had been practiced for centuries in European universities, but because it was feared that it might be impracticable and become perfunctory.

The German usage is described by Hart in his interesting work on the German universities when treating of the *Privat-docenten*. The work of the *Privat-docent* as a student is special.

For three or more years he has studied certain subjects exclusively, and has taken his doctoral degree by passing a vigorous examination covering the entire field of his studies and by presenting one or more dissertations that show his ability to treat certain topics in an independent, manly spirit of research; but with all this he is not yet a docent. The university has not yet conferred upon him the right to teach others. To obtain this he must qualify himself still further; he must habilitate himself. He waits, therefore, a year or two longer, pursuing his private studies with energy. He then prepares and publishes an elaborate dissertation. In connection with this he announces ten or twelve theses or detached propositions which he is prepared to defend against all comers, as Luther was when he affixed his famous theses to the door of the church at Wittenberg. The public disputation is held in one of the university rooms. The professors of the candidate's faculty attend. In fact, any one may attend who sees fit, and may take part in the debate. "Ordinarily the disputation is a mere ceremony. The candidate stands on the platform, like the knights in the Middle Ages, ready to maintain the merits of his lady-love. His antagonists are his friends, who have been instructed beforehand what to say. After four or five parleys, each lasting a few minutes, the antagonist admits the champion's superiority, and the dean pronounces him a true and worthy knight of science. Occasionally, however, some one of the theses is attacked in earnest, and then the candidate must also defend himself in earnest." A man like the graduate of Göttingen, a rather learned naturalist, who had traveled extensively and made a practice of attending disputations and bothering the candidates, was looked upon as a public nuisance. "It is needless to say that this disputation is an empty form to which no weight is attached, the real test of the candidate's merit being his dissertation, which has been read in print beforehand by each member of the faculty and which must be a substantial contribution to knowledge."

In spite of our cognizance of these facts and the knowledge that our matter-of-fact people would look with contempt on such a perfunctory performance as that described above, it was felt that the public defense of the theses, if properly conducted, possessed a positive value, in that it would stimulate the candi-

date to more thoroughly prepare his thesis and render him more cautious regarding his statements than might otherwise be the case, and thus result in his thesis being better fitted for publication than if it were only to be submitted for private inspection, and that it would further give to the examination that publicity which we court and which the community have a right to require when this high degree is conferred. By requiring that the entire thesis shall be maintained before a board composed of recognized experts in the particular subject treated of in the thesis, after these experts have had ample opportunity to privately examine the thesis in order to search out its weak points, and by establishing the practice that the experts shall state in writing whether or not the candidate has successfully defended his thesis, it is believed that we have secured the benefits sought while we have made the performance a real and vital one.

Because we court publicity in the work of this School, it was also decided that at the commencement exercises we should formally state, in the case of each individual candidate, all the reasons which led to the degree awarded him being conferred and narrate the candidate's entire academic history.

With all our plans matured and provisions made the uncertainty still remained as to whether students were at hand to avail themselves of the opportunities offered, and the beginning of our first scholastic year was enveloped in doubt, which was speedily dissipated by the number, character, and attainments of the candidates who presented themselves for enrollment, a number which exceeded our most sanguine expectations. The completion of the scholastic year in which our methods and requirements were to be for the first time put to the test of actual practice was awaited with anxiety, which was relieved by the behavior of the candidates, who prosecuted their studies so diligently and met all the requirements imposed so completely that out of the 24 enrolled 3 were awarded the degree of Master of Science, 8 that of Master of Arts, and 4 that of Doctor of Philosophy; and, still more, by the action of the eminent experts who so heartily coöperated with us and who conducted the disputation in so dignified and efficient a manner, that our distinguished President was fortunately able to say in the last annual report he was to make:

"The operations of the Graduate School have justified all the hopes under which it was originated and organized. The students have prosecuted their advanced studies under the direction of learned professors, and all candidates for degrees have been subjected to the strictest scrutiny. The condition of residence in Washington has been made obligatory in all cases, that the contact between the mind of the teacher and of the scholar may be so close and constant as to assure thoroughness of direction and accuracy of study at all points. In advanced study and in original research it is all-important that the directive, the regulative, and the corrective power of the superior instructor should be perpetually at the student's command, in order to assure the best possible results, and there is no inspiration like that which comes from the living mind of great teachers in quickening touch with receptive intellects. No degree has been conferred except on evidence authenticated by careful examinations.

"The doctorate disputation was held in the public lecture hall of the University on the 5th instant, when theses on the 'Elements of Unity in the Homeric Poems,' on an 'Investigation of the Motion of the Pericentre of Deimos,' one of the satellites of Mars; on the 'Flora of the Laramie Group and Allied Formation,' and on an 'Investigation of the Properties of Ferric Acid' were discussed and defended before a jury of experts competent in each case to pronounce judgment upon the value of the disquisition and of the original inquiry made by the writers. The faculty of the Graduate School hope in this way to win from 'mouths of wisest censure' such a confirmation of the highest degrees given under the auspices of the University as shall assure the circumspection with which they are granted."

Let us who are here look to it that 'this Graduate School of the Columbian University, which has begun so well, will be so wisely directed and generously fostered, will so elevate its standard and extend its privileges, that it shall come to be recognized everywhere as a stronghold of learning, a fertile source of knowledge, the pride of the nation whose capital it adorns, and a perpetual memorial to that wise and learned man who projected and inaugurated it.'

CATALOGUE

OF

THE COLUMBIAN COLLEGE

PREPARATORY SCHOOL,

WASHINGTON, D. C.,

FOR THE ACADEMIC YEAR, 1891-'92.

WASHINGTON:  
BYRON S. ADAMS, PRINTER,  
1892.

## The Preparatory School.

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### CALENDAR.

#### CURRENT SCHOOL YEAR.

1891. Sept.	18-19.—Examination of new scholars.
Sept.	21.—The First Term commences.
Sept.	28.—Regular Marks begin.
Oct.	26.—First Monthly Report rendered.
Nov.	23.—Second Monthly Report rendered.
Nov.	26-27.—Thanksgiving Holidays.
Dec.	24.—Third Monthly Report rendered.
Dec.	25.) Christmas Holidays.
1892. Jan.	1.) Christmas Holidays.
Jan.	22.—Fourth Monthly Report rendered.
Jan.	22-29.—Intermediate Examinations.
Feb.	1.—Marks of Second Term begin.
Feb.	22.—Washington's Birthday—holiday.
Feb.	29.—Fifth Monthly Report rendered.
March	28.—Sixth Monthly report rendered.
April	15-18.—Good Friday and Easter Monday—holidays.
May	2.—Seventh Monthly Report rendered.
May	30.—Eighth Monthly Report rendered.
May	30.) Final Examinations.
June	8.) Final Examinations.
June	10.—Public Closing Exercises.

#### NEXT SCHOOL YEAR.

1892. Sept.	16-17.—Examination of new scholars.
Sept.	19.—The First Term commences.
Sept.	26.—Regular Marks begin.
Oct.	24.—First Monthly Report rendered.
Nov.	21.—Second Monthly Report rendered.
Nov.	24-25.—Thanksgiving Holidays.
Dec.	24.—Third Monthly Report rendered.
Dec.	25.) Christmas Holidays.
1893. Jan.	2.) Christmas Holidays.
Jan.	23.—Fourth Monthly Report rendered.
Jan.	23-31.—Intermediate Examinations.
Feb.	1.—Marks of Second Term begin.
Feb.	22.—Washington's Birthday—holiday.
Feb.	27.—Fifth Monthly Report rendered.
March	27.—Sixth Monthly Report rendered.
March	31.) Good Friday and Easter Monday—holidays.
April	3.) Good Friday and Easter Monday—holidays.
May	1.—Seventh Monthly Report rendered.
June	5.—Eighth Monthly Report rendered.
June	5-14.—Final Examinations.
June	16.—Public Closing Exercises.

## The Preparatory School.

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### CORPS OF INSTRUCTORS.

ANDREW P. MONTAGUE, A. M., Ph. D., Principal, Instructor in Latin and Greek.

REV. A. J. HUNTINGTON, A. M., D. D., Instructor in Greek

REV. S. M. SHUTE, A. M., D. D., Instructor in Reading.

HOWARD L. HODGKINS, A. M., Instructor in Mathematics and Physics.

LEE D. LODGE, A. M., Instructor in Latin, French and Greek.

E. HILTON JACKSON, A. B., Instructor in English and Latin.

WOOLSEY ASPINWALL, Instructor in English and Greek.

H. G. HODGKINS, A. B., Instructor in Mathematics.

R. B. RANDOLPH, Instructor in Penmanship and Book-keeping.

### DESIGN.

The Preparatory School of the Columbian College was established for the purpose of giving a thorough preparation for College or the technical school, and of fitting boys for the higher pursuits of business. In its new building, in its grades of study, and in its general management, the authorities and the instructors have kept steadily in view the growth of the National Capital and the progress of education in our country. While the School is divided into four grades, the greatest freedom is exercised in classifying pupils in accordance with their previous training and natural aptitudes.

Very many of the boys of our city are compelled to forego a college education and to prepare themselves to enter at once, on leaving the School, some of the many avenues of self-support. This fact has been carefully considered, and a High-school course so arranged as to assist those who take it in making the best use of the time at their disposal.

Under the terms of the "Admiral Powell Endowment," free scholarships will be given to a limited number of pupils

who are preparing for admission to the United States Naval Academy at Annapolis, and who, at the end of their course of study, shall actually enter that institution.

#### DISCIPLINE.

The School is conducted on Christian principles, both in its discipline and in its teaching; but no instruction is given and no influence exerted in favor of any peculiar denominational tenets.

In addition to daily recitations, examinations are held at the end of each term on all the studies of that term.

The graded scale of merit used in the School ranges from 0 to 100, and each student must reach a grade of 70 in order to be advanced with his class.

The progress of the scholar is stimulated by daily records, by monthly and term reports to parents, by promotions in his class and by prizes.

#### GENERAL ORDERS.

The principal, or one of his assistants, will be at the School Building, No. 1335 H street, northwest, from the eighth of September until the School begins, from 10 o'clock A. M., to 2 o'clock P. M., for the purpose of receiving new students and of answering inquiries concerning the School.

The number of scholars in the school at any one time is limited to one hundred, and students will be admitted to vacancies in this number according to the order of their registered application.

The School hours are from 9 o'clock A. M. to 2.15 o'clock P. M.

#### EXPENSES.

For the scholastic year, including all expenses . . . . . \$80.00  
All bills must be paid in advance, at the beginning of each half-yearly term, to H. G. HODGKINS, A. B., Registrar of the School.

#### SCHEME OF STUDIES IN THE PREPARATORY SCHOOL.

##### FIRST YEAR; FOURTH CLASS.

*Reading*.—Kingsley's Greek Heroes, and The Swiss Family Robinson.

*Spelling*.—Merrill's Word and Sentence Book (Wilson).

*Arithmetic*.—Thomson's Complete Graded Arithmetic.

*Geography*.—Swinton's Grammar School Geography.

*History*.—Montgomery's American History.

*Grammar*.—Hart's Elementary English Grammar.

*Latin*.—Harkness's Easy Latin Method.

*Declamation, Composition, Map-Drawing*.

*Penmanship*.

## SECOND YEAR; THIRD CLASS.

*Reading*.—Church's Stories of the Old World, and Selected Readings.  
*Spelling*.—Merrill's Word and Sentence Book (Wilson).  
*Grammar*.—Hart's English Grammar and Analysis.  
*Exercises*.—Gideon's Exercises in English.  
*Arithmetic*.—Thomson's Complete Graded Arithmetic.  
*Geography*.—Swinton's (completed).  
*History*.—Anderson's History of England.  
*Latin*.—McCabe's Bingham's Latin Grammar; Chase and Stuart's Caesar; and Bennett's First Latin Exercises.  
*Greek*.—White's First Lessons in Greek (new Ed.); Crosby's Xenophon's Anabasis.  
*Declamation, Composition, Map-Drawing*.  
*Penmanship*.

## THIRD YEAR: SECOND CLASS.

*Reading*.—Lamb's Adventures of Ulysses and Scott's Quentin Durward.  
*Spelling*.—Westlake's 3,000 Practice Words.  
*Grammar*.—Hart's English Grammar and Analysis.  
*Exercises*.—Gideon's Exercises in English.  
*Arithmetic*.—Thomson's Commercial Arithmetic.  
*Algebra*.—Wells' Academic Algebra.  
*Geography*.—Houston's Physical Geography.  
*History*.—Anderson's New General History.  
*Latin*.—McCabe's Bingham's Latin Grammar; Chase and Stuart's Caesar; Chase and Stuart's Vergil's Æneid; and Bennett's Latin Exercises.  
*Greek*.—White's First Lessons in Greek (new Ed.); Goodwin's Greek Grammar and White's Lessons; and Crosby's Xenophon's Anabasis.  
*Book-Keeping*.—Bryant and Stratton's Common School Book-keeping.  
*Penmanship*.  
*Declamation, Composition*.

## FOURTH YEAR; FIRST CLASS.

*Reading*.—Brief Declamations (Davis and Bridgman).  
*Spelling*.—Westlake's 3,000 Practice Words.  
*English Grammar reviewed*.  
*Rhetoric*.—Hart's Composition and Rhetoric.  
*History*.—History of Greece, Fyffe.  
 History of Rome, Allen.  
*Latin*.—Harkness's Latin Grammar; Chase and Stuart's Vergil's Æneid; Chase and Stuart's Cicero's Orations; Chase and Stuart's Sallust; Sight Reading; and Selected and Original Exercises.  
*Greek*.—Goodwin's Greek Grammar; Crosby's Xenophon's Anabasis; Seymour's Homer's Iliad; Sight Reading; and Jones's Greek Prose Composition.  
*French*.—Edgren's French Grammar; Super's French Reader; and Le Mari de Madame de Soiange.  
*Algebra*.—Wells's Academic Algebra.  
*Geometry*.—Wells's Plain and Solid Geometry.  
*Physics*.—Avery's First Principles of Natural Philosophy.  
*Book-Keeping*.—Bryant and Stratton's Course (continued).  
*Penmanship*.  
*Declamation, Composition*.  
*Books of Reference in all Classes*: Worcester's or Webster's Dictionary; Baird's Classical Manual; Ginn and Company's or Long's Classical Atlas.

## LITERARY SOCIETY.

The Hermesian Society, composed of students of the two higher classes, meets weekly in a hall assigned to it by the authorities of the School, for the purpose of practising debate and for improvement in composition.

The society is under the general supervision of the instructors, but this supervision never takes the form of disagreeable interference.

This association gives two medals—one for excellence in debate, the other for excellence in composition; and these prizes are publicly awarded at the end of the session.

## “THE BOSTON BOYS.”

Several years ago the Preparatory School received from the great benefactor of the Columbian University, W. W. CORCORAN, LL. D., a fine painting, “The Boston Boys,” by Henry Bacon. This beautiful ornament of the School hangs in the main room, and is a delight to the eye as well as an incentive to patriotism.

## ANNUAL PRIZES.

The Regular prizes of the School consist of First and Second Scholarship Medals in each class.

Gold Medals are also given to those students who have been blameless in deportment and against whom there is no record of absence or tardiness during the entire session.

Through the liberality of the late Mr. Samuel Norment, President of the Central National Bank of Washington, the authorities of the School will award annually three prizes (\$25, \$20, and \$15) to the students whose scholarship, combined with irreproachable conduct, shall entitle them to be considered respectively the First, Second and Third Honor Boys of the School.

## SPECIAL ANNUAL PRIZES.

The following prizes are annually offered as rewards of special excellence in particular branches of study.

1. The Montague Gold Medal for excellence in the Latin Language.
2. The Roome Gold Medal for excellence in the Greek Language awarded by Mrs. Lillian K. Roome.

3. The Lodge Gold Medal for excellence in the French Language.
4. The Hodgkins Gold Medal for excellence in Mathematics.
5. The Townsend Gold Medal for excellence in Elocution during the session.
6. The Gold Medal for excellence in Declamation at the Commencement, awarded by a committee selected by the Principal.

## HONOR ROLL.

### FOR HIGH GRADE OF SCHOLARSHIP.

First Class . . . . .	First Prize . . . . .	Henry M. Robert, Jr.
	Second Prize . . . . .	George M. Whitwell.
Second Class . . . . .	First Prize . . . . .	A. Monell Sayre.
Third Class . . . . .	First Prize . . . . .	John H. Wynne.
	Second Prize . . . . .	Charles M. Beall.
Fourth Class . . . . .	First Prize . . . . .	Reginald S. Davis.
	Second Prize . . . . .	Robert Farnham, Jr.
Montague Gold Medal in Latin . . . . .		Henry M. Robert, Jr.
Special Certificate in Latin . . . . .		George M. Whitwell.
Roome Gold Medal in Greek . . . . .		Henry M. Robert, Jr.
Roome Special Prize in Greek . . . . .		A. Monell Sayre.
Stuart Gold Medal to Beginners in Greek . . . . .		John H. Wynne.
Lodge Gold Medal in French . . . . .		G. Freeland Peter.
Honorable Mention in French . . . . .		{ Henry M. Robert, Jr. George M. Whitwell.
Hodgkins Gold Medal in Mathematics . . . . .		Henry M. Robert, Jr.
Honorable Mention . . . . .		George M. Whitwell.
Starin Prize in Penmanship . . . . .		W. B. Harrington.
Starin Prize in Book-keeping . . . . .		D. Brown Kerfoot.
Townsend Gold Medal in Declamation . . . . .		Frank Parson.
Fox Gold Medal for Declamation at Commencement, awarded by a Committee of Judges to Frank Parson.		
Honorable Mention of A. Monell Sayre and George Freeland Peter.		
Hermesian Medal for Best Debater . . . . .		A. Monell Sayre.
Prizes founded by the late Samuel Norment, Esq., awarded to the highest honor boys in the School:		
First Prize . . . . .	\$25 in Gold . . . . .	Henry M. Robert, Jr.
Second Prize . . . . .	\$20 in Gold . . . . .	Reginald S. Davis.
Third Prize . . . . .	\$15 in Gold . . . . .	John H. Wynne.

### GOLD MEDALS FOR PUNCTUALITY AND DEPORTMENT.

Four Years.—G. Freeland Peter, Barnwell S. Stuart.

Two Years.—A. Monell Sayre, Garden C. Stuart, Edward C. Wells, John H. Wynne.

One Year.—William W. Comstock, Edward Danenhower, Reginald S. Davis, Frank W. Emmons, David Greenless, J. Russell Johnson, Winthrop D. Green, Spencer B. Prentiss, William N. Reynolds, Jr., William W. Riley, Henry M. Robert, Jr., Theo. D. Wilson, Jr.

Honorable Mention for an Average above 90 per cent. for the Year.—Charles M. Beall, Charles H. Bradley, Harry S. Brown, William P. Cope-nd, Reginald S. Davis, Robert Farnham, Jr., Lyttleton M. Ferguson,

Morris T. Ferguson, Winthrop D. Green, David Greenlees, Mortimer B. Hall, T. Randolph Hall, W. B. Harrington, Austin Herr, Jr., D. Brown Kerfoot, Pearson F. Marsh, Salvador D. Moore, Singleton P. Outhwaite, Frank S. Perry, Spencer B. Prentiss, G. Freeland Peter, William W. Riley, Henry M. Robert, Jr., Wm. Oscar Roome, Jr., B. Oldrin Salter, A. Monell Sayre, Edwin E. Spear, Barnwell S. Stuart, Garden C. Stuart, George M. Whitwell, John H. Wynne.

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## GRADUATES.

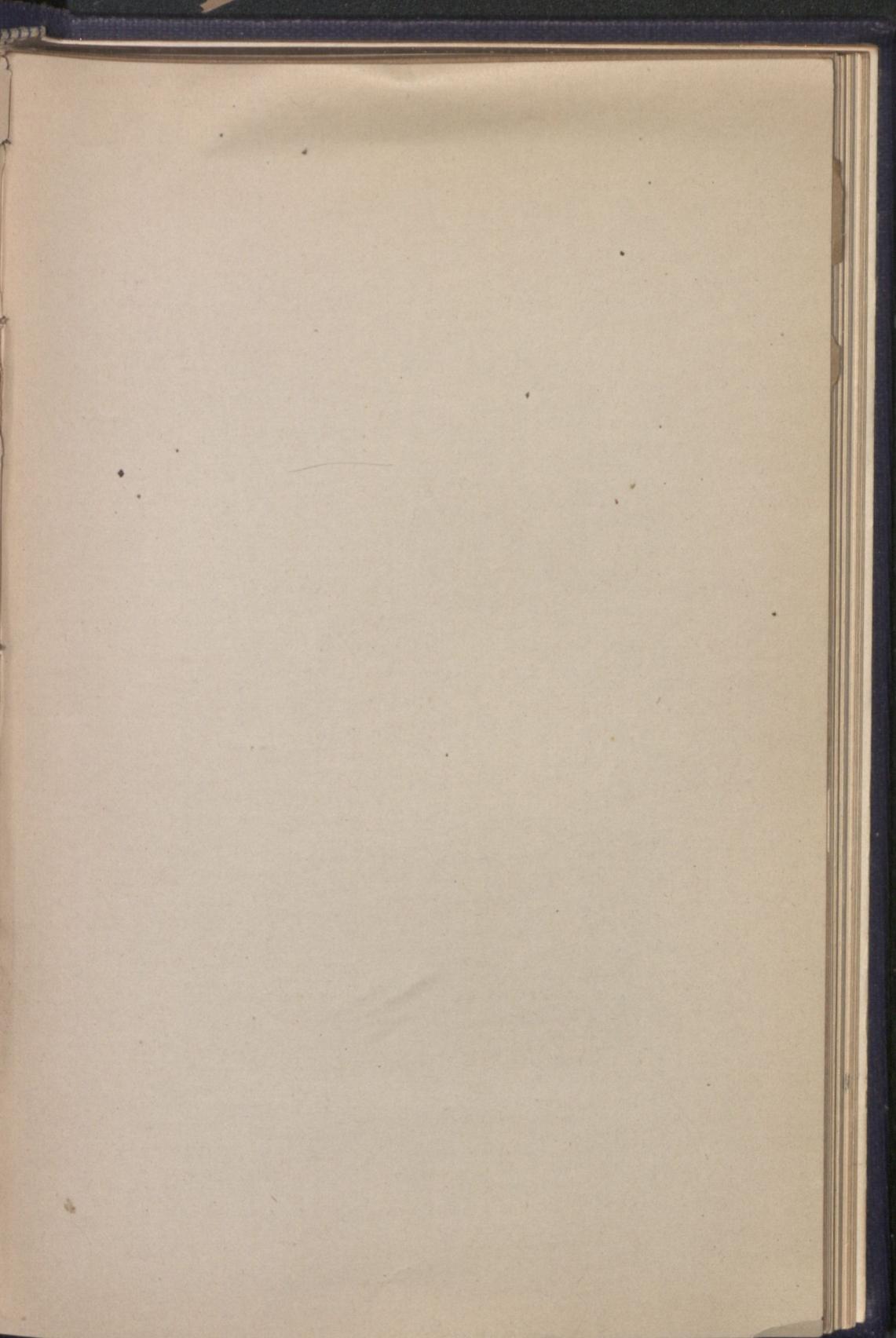
S. D. CAMDEN, English, French.  
A. A. CLEMONS, English.  
F. W. EMMONS, English.  
W. J. FALCONER, English, French.  
W. D. GREEN, English, French, Greek, Latin, Mathematics.  
M. B. HALL, English, Mathematics.  
T. R. HALL, English.  
W. B. HARRINGTON, English, French, Mathematics.  
WALLACE HARRY, English.  
F. W. KITCH, English.  
L. F. LUCKETT, English, French.  
S. P. OUTHWAITE, English, French, Latin, Mathematics.  
FRANK PARSON, English French.  
G. F. PETER, English, French, Latin, Mathematics.  
H. A. POLKINHORN, English, French, Mathematics.  
W. W. POOLE, JR., English.  
D. W. PRENTISS, JR., English, French, Mathematics.  
S. B. PRENTISS, English, French, Mathematics.  
B. G. RAY, English.  
W. P. REDINGTON, English, French.  
C. M. REMEY, English, Mathematics.  
W. N. REYNOLDS, JR., English, French.  
H. M. ROBERT, JR., English, French, Greek, Latin, Mathematics.  
B. S. STUART, English, French, Greek, Latin, Mathematics.  
C. H. THOMSON, English, French.  
E. C. WELLS, English, French.  
G. M. WHITWELL, English, French, Greek, Latin, Mathematics.  
T. D. WILSON, JR., English, French.

STUDENTS IN THE PREPARATORY  
SCHOOL.

STUDENT.	CLASS.	PATRON.
Le Droict L. Barber . . . . .	First . . . . .	Mr. A. L. Barber.
Charles M. Beall . . . . .	Second . . . . .	Mr. Charles B. Beall.
Frank L. Biscoe . . . . .	First . . . . .	Major H. L. Biscoe.
Gilbert Bloss . . . . .	First . . . . .	Mr. J. B. Bloss.
Charles H. Bradley . . . . .	Third . . . . .	Judge A. C. Bradley.
Edmund K. Broadus . . . . .	First . . . . .	Mr. Thomas A. Broadus.
Harry S. Brown . . . . .	Second . . . . .	Capt. John G. Brown.
Joseph A. Burkart . . . . .	First . . . . .	Mrs. Caroline Burkart.
Philip Cason, Jr. . . . .	Fourth . . . . .	Capt. Philip Cason.
Arthur F. Cassels . . . . .	First . . . . .	Mr. John Cassels.
Edward F. Caverly . . . . .	Second . . . . .	Mr. Edw. Caverly.
Thos. D. Chumasero . . . . .	Fourth . . . . .	Miss K. Dawson.
John H. Clapp . . . . .	Third . . . . .	Mr. John M. Clapp.
Wm. W. Comstock . . . . .	First . . . . .	Mr. Thomas W. Comstock.
Wm. P. Copeland . . . . .	Third . . . . .	Mrs. V. P. Wiggins.
Wilson G. Dalby . . . . .	Second . . . . .	Rev. I. N. Dalby.
Richard Dalton . . . . .	Second . . . . .	Hon. Lycurgus Dalton.
Reginald S. Davis . . . . .	Third . . . . .	Mr. S. T. Davis.
Walter E. Dewey . . . . .	Third . . . . .	Mr. A. M. Dewey.
Wm. M. C. Dodge . . . . .	First . . . . .	Mr. H. H. Dodge.
Lee Stuart Dorsey . . . . .	Fourth . . . . .	Mr. Wm. Dorsey.
Morris Dow . . . . .	Fourth . . . . .	Mrs. William Coppinger.
Wm. T. Eldridge . . . . .	Fourth . . . . .	Mr. George D. Eldridge.
Howard G. England . . . . .	First . . . . .	Mr. John G. England.
W. Lowry Farnham . . . . .	Fourth . . . . .	Dr. Robert Farnham.
Robert Farnham, Jr. . . . . .	Third . . . . .	" " "
L. M. Ferguson . . . . .	First . . . . .	Rev. W. M. Ferguson.
Richard F. Foote . . . . .	First . . . . .	Mrs. L. L. Foote.
Morris C. Foote . . . . .	First . . . . .	" " "
Edgar W. Ford . . . . .	Second . . . . .	Mr. Raymond L. Ford.
Clark A. Frisbie . . . . .	Second . . . . .	Bishop Wm. Paret, LL. D.
Thomas B. Gardner . . . . .	First . . . . .	Mr. Thomas I. Gardner.
Wm. H. Gibson . . . . .	Third . . . . .	Mr. Wm. M. Gibson.
Ezra Gould . . . . .	Third . . . . .	Mr. W. W. Gould.
G. E. Green . . . . .	Third . . . . .	Hon. D. A. Green.
Harry S. Greene . . . . .	First . . . . .	Rev. S. H. Greene, D.D.
George R. Greenleaf . . . . .	First . . . . .	Dr. C. R. Greenleaf, U. S. A.
David A. Greenlees . . . . .	First . . . . .	Mr. Arch'd Greenlees.
Latta Griswold . . . . .	Second . . . . .	Mrs. E. Tallmadge.
Wm. E. Harrison . . . . .	Third . . . . .	Dr. Geo. Byrd Harrison.

Samuel Hazlett, Jr.	Second	Mr. Samuel Hazlett.
Austin Herr, Jr.	First	Mr. Austin Herr.
Clarence H. Herr	Fourth	" " "
Charles G. Hoffman	First	Dr. W. J. Hoffman.
Wm. E. Holcomb	Second	Mr. C. W. Holcomb.
Walter S. Hopkins	Fourth	Mr. Alfred Hopkins.
Wm. Stone Hutton	Third	Mr. Hobart Hutton.
Thomas G. Jones, Jr.	Second	Mr. Thomas G. Jones.
Fred. C. Jones	First	Mr. Thad. A. Jones.
Jos. R. Johnson	First	Dr. J. B. Johnson.
Jos. R. King	Second	Mr. Charles W. King.
F. Wm. Kitch	First	Mr. J. D. Kitch.
Clifton Laughlin	Second	Mr. M. J. Laughlin.
Daniel Loughran, Jr.	Third	Mr. Daniel Loughran.
Pearson F. Marsh	First	Mr. C. B. Marsh.
Wm. F. Mattingly, Jr.	First	Mr. Wm. F. Mattingly.
Frederick F. McElhone	Third	Mrs. M. M. McElhone.
Donald McDonald	Second	Mr. H. B. McDonald.
Armando de Mendonça	Second	Senor Salvador de Mendonça.
Oliver C. Mimmack	Third	Mr. Bernard P. Mimmack.
A. C. Morgan	Fourth	Mr. R. W. Morgan.
Salvador D. Moore	First	Mrs. Laura A. Moore.
Frank R. Needham	Third	Mr. C. W. Needham.
Harry Nornent	Third	Mrs. M. E. Norment.
Brainard W. Parker	First	Mr. E. Southard Parker.
Conrad M. Patten	Third	Mr. J. D. Patten.
Joseph Pilling	Third	Mr. Fred. W. Pilling.
Elliott C. Prentiss	First	Dr. D. W. Prentiss.
Walter P. Redington	First	Mr. James K. Redington.
Curt Richter	Fourth	Prof. Herman Schönfeld.
John L. Riggles	Second	Mr. J. Richard Riggles.
Wm. W. Riley	Third	Mr. Thomas R. Riley.
George Robinson	Fourth	Mrs. L. V. Robinson.
Wm. Oscar Roome, Jr.	Second	Major Wm. Oscar Roome.
Blaine D. Rusk	First	Secretary J. M. Rusk.
B. Oldrin Salter	First	Mr. George W. Salter.
Raymond E. Sawyer	First	Capt. Geo. A. Sawyer, U. S. N.
A. Monell Sayre	First	Mrs. M. S. Sayre.
Charles R. Schmidt	First	Miss Flora Schmidt.
Frank Sewall	Fourth	Mrs. C. E. Jenkins.
Maurice J. Sioussat	First	Mr. Chas. M. Sioussat.
Delmar Smith	Fourth	Mr. Clinton Smith.
Arthur P. Spear	Fourth	Gen. Ellis Spear.
Edwin E. Spear	Second	" " "

Jas. McB. Sterrett, Jr.	First	Rev. J. McB. Sterrett, D.D.
Robert Sterrett	Third	" " "
Henry H. D. Sterrett	Third	" " "
Wm. D. Sterrett	Fourth	" " "
D. D. B. Sterrett	Fourth	" " "
Archibald Stine	Third	Mr. J. H. Stine.
Garden C. Stuart	Second	Rev. A. R. Stuart, D.D.
Paul E. Taussig	First	Lieut. Edw. D. Taussig, U. S. N.
Brainard H. Warner, Jr.	First	Mr. B. H. Warner.
Charles H. Weaver	Second	Mrs. A. M. Weaver.
Louis Weaver	Second	" " "
Robert C. Wilkins	First	Hon. Beriah Wilkins.
Charles F. Wilson	First	Mr. Wm. J. Wilson.
Wm. G. Woodford	First	Capt. E. S. Woodford.
John W. Wright	First	Gen. Marcus J. Wright.
Orestes H. Wright	First	Mr. Wm. O. Wright.
John H. Wynne	Second	Mr. Lewis B. Wynne.
Thomas H. Yeager	Second	Mr. Thos. D. Yeager.
STUDENTS IN THE PREPARATORY SCHOOL		102



# The Columbian University,

WASHINGTON, D. C.

Collegiate and Professional Instruction is given in the Columbian University in five departments: The COLUMBIAN COLLEGE, the NATIONAL MEDICAL COLLEGE, the SCHOOL OF DENTISTRY, the COLUMBIAN UNIVERSITY LAW SCHOOL, and the CORCORAN SCIENTIFIC SCHOOL.

The first of these comprises the usual College course in Languages (Ancient and Modern), Mathematics, the Physical Sciences, History, Mental, Moral, and Political Philosophy, with specific courses leading severally to the degrees of Bachelor of Arts, Bachelor of Science, and Bachelor of Letters.

The National Medical College, the Medical Department of the University, comprises a full course of study leading to the degree of Doctor in Medicine.

The Dental School provides a course of study in the Science and Art of Dentistry, leading to the degree of Doctor of Dental Surgery.

The Columbian University Law School has an undergraduate course of study in the elements of Law, leading to the degree of Bachelor of Laws, and a graduate course of study in Practice, leading to the degree of Master of Laws.

The Corcoran Scientific School comprises general courses of study leading to the degrees, respectively, of Bachelor of Science and Civil Engineer, and a *special* course in Chemistry and Metallurgy, leading with certain auxiliary studies to the first-named of these degrees. The chemical Laboratory, recently constructed, affords ample facilities for analytical work.

Besides the foregoing higher departments, the University has under its management a Preparatory School, in which students are prepared for Business, for College, for the Military School at West Point, or for the Naval Academy at Annapolis.

For further information, or for catalogues, address—

JAMES C. WELLING,

# TREASURER'S REPORT

ON THE

## PROPERTY AND FINANCES

OF THE

# COLUMBIAN UNIVERSITY,

FOR THE

YEAR ENDING MAY 31, 1892.

---

WASHINGTON, D. C.:

JUDD & DETWEILER, PRINTERS.

1892.



# TREASURER'S REPORT

ON THE

## PROPERTY AND FINANCES

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---

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1892.



## ANNUAL REPORT OF THE TREASURER.

---

*To the Overseers and Trustees of the Columbian University.*

GENTLEMEN: Herewith I submit my Annual Report, covering the financial operations of the University during the fiscal year ending May 31, 1892:

By the sale of the Cincinnati municipal bonds (par value of which was \$31,000) during the fiscal year just closed the University was enabled to add \$6,045 to its capital, and the whole amount, \$37,045, has been reinvested in real-estate notes bearing six per cent. interest.

Certain real-estate notes, aggregating \$14,705, bearing five per cent. interest, were called in as they matured and have been reinvested at the rate of six per cent. interest.

The Willie E. Fitch fund, amounting to \$1,200, has also been reinvested at six per cent. interest.

The annual income from rents in the Law Building on Fifth street has been increased \$240.

Three discounted notes held by Riggs & Co., amounting to \$6,000, have been paid from current receipts.

A detailed statement of the changes in the invested funds will be found in the report.

Attention is called to the dilapidated condition of the Law Building on Fifth street and the Cutler house, No. 222 Third street N. W. The advisability of spending a sufficient sum of money to put such old buildings in a tenantable condition is questionable. The expediency of borrowing a sufficient sum of money on the lots to erect buildings with modern improvements, with the view to increasing the annual income of the General Fund, is submitted for your consideration.

Schedule "A" is a Detailed Statement of Receipts and Disbursements.

- " " B," Statement of Liabilities.
- " " C," Investments of the Scholarships.
- " " D," Investments of the Corcoran Endowment.
- " " E," Miscellaneous Investments.
- " " F," Statement of Assessed Value of Real Estate.
- " " G," Table of Insurance.

Appended to the report is a detailed statement of the financial operations of the Medical and Dental Departments of the Columbian University from March 19, 1891, to March 19, 1892.

All of which is respectfully submitted.

JAMES C. WELLING,  
*Acting Secretary and Treasurer.*

WASHINGTON, D. C., June 1, 1892.

SCHEDULE "A."

*Detailed Statement of Receipts and Disbursements.*

GENERAL FUND.

Cr. balance per last report	\$3,019 65
-----------------------------	------------

*Receipts:*

Rents: 222 3d street N. W., Mrs. C. B. Cutler	\$650 00
Lot 1, square S. of 12, Mr. L. A. Littlefield	50 00

*Law Building:*

R. A. Sprague	\$20 00
Frank T. Browning	210 00
Henry Wise Garnett	420 00
R. B. Lewis	180 00
W. H. Smith	128 00
Enoch Totten	210 00
A. E. L. Keese	49 00
J. T. Burch	5 00
W. V. R. Berry	167 32
	1,389 32
	2,089 32

Interest on real-estate notes	4,903 60
-------------------------------	----------

*Interest on Corcoran Endowment Fund Notes:*

Medical Faculty	\$500 00
Robert W. Fenwick	60 00
	560 00

Interest on loan to Medical Faculty for payment of taxes on Medical Building	37 50
Quinsigamond Bank dividends	25 00
Pennsylvania Telephone Co. dividends	12 00

*Interest on Bonds:*

U. S. four per cents	\$388 00
District of Columbia 3.65's	344 00
Cincinnati municipal	1,936 80
Burlington and Missouri River R. R.	140 00
Warsaw	12 00
Cosmos Club	12 50
Church of the Covenant	*185 00
	3,018 30

---

\*\$15.00 of which belongs to the Medical Faculty Sinking Fund.

## SUNDRIES.

Medical Faculty, third note of loan of \$2,000 to pay arrears of taxes (paid to Riggs & Co. on account of discounted note)---	\$500 00
Donation from Law School, class of '91, for benefit of library --	42 75
Mills Tourtelotte, for Col. J. E. Tourtelotte, to found a Tourtelotte scholarship in the College for one year -----	50 00
Finance Committee of the American Association for the Advancement of Science to reimburse the University for gas used by the scientific societies -----	24 00
Rebate on gas bill overpaid-----	50
Mrs. C. B. Cutler, tax on house No. 222 Third street N. W. for whole of fiscal year ending June 30, 1892 -----	257 70
To correct error in General Fund made by ex-Treasurer Stickney and carried through the accounts of the late R. C. Fox --	37 55
Transferred from Corcoran Scientific School, being the balance due the University at the close of the scholastic year, 1890 and 1891 -----	674 57
Transferred from Corcoran Scientific School, being the balance due the University to November 24, 1891 -----	287 50
	<hr/>
	\$15,539 94

## DISBURSEMENTS.

## Salaries:

Jas. C. Welling, LL.D., President, in full to May 31, 1892 -----	\$3,000 00
Allowance for house rent in full to May 31, 1892 -----	1,000 00
Allowance for clerical assistance in full to May 31, 1892 -----	250 00
	<hr/>
R. C. Fox, Secretary and Treasurer, in full to September 21, 1891 -----	4,250 00
R. H. Martin, assistant to the Acting Secretary and Treasurer, from October 20, 1891, to May 31, 1892 -----	305 55
H. G. Hodgkins, Registrar and Librarian, in full to May 31, 1892 -----	553 32
	<hr/>
	\$5,976 62

## Janitors' Wages:

Frank Beckett, in full to May 31, 1892 -----	\$360 00
Walter L. Lewis, in full to May 31, 1892 -----	339 17
Rickson T. Harris, in full to May 31, 1892 -----	306 33
	<hr/>
	1,005 50
	<hr/>
	6,982 12

## MISCELLANEOUS.

*Repairs and Materials, University Building:*

Dodson & Hodgson, new roof-----	\$899 00
Kane & Roache, plumbing-----	48 96
Johnson & Morris, repairs to boiler and smoke-pipe-----	35 00
Alex. Millar, repairing chairs in Lecture Hall-----	32 16
Geo. Viehmann & Son, repairing tiling--	8 00
James B. Smith, making roof to shed over plaster horse in University grounds----	6 69
W. B. Moses & Sons, re-covering desks in library-----	7 25
J. I. Atchison, stopping leak in roof-----	5 00
C. Schneider, repairing door spring-----	1 75
J. U. Burkett & Co., repairing electric bells-----	3 25
	----- \$1,047 06

*Law Building:*

James B. Smith, repairing window sashes-----	5 13
A. E. L. Keese, one lock, four keys, and fitting same-----	2 50
	----- 7 63
	----- \$1,054 69

*Insurance:*

University Building-----	\$100 00
Furniture, &c., University Building-----	25 00
Law Building-----	24 00
Cutler house, 222 3d street N. W.-----	15 00
	----- 164 00

*Water Rents:*

University Building-----	150 50
Law Building-----	26 00
	----- 176 50

*Taxes:*

Whole of tax for fiscal year ending June 30, 1892, on lots in square south of 12, 13, 16, 23, west of 23, 83, 87, 88, and 89 (unimproved)-----	312 06
Whole of tax for 1892 on lot 14 and south half of 13, square 489 (Law Building)-----	289 20
Whole of tax for 1892 on lots 42 and 43, square 10 (No. 222 3d street N. W.)-----	257 70
	----- 858 96

*Gas and Electric Lighting:*

University Building-----	\$413 00
Law Building-----	45 26
	-----

\$458 26

*Advertising:*

Washington Post-----	7 87
The Evening Star-----	15 94
The Christian Inquirer-----	8 00
The Nation-----	11 16
	-----
The Baptist Courier-----	3 25
The Religious Herald-----	12 00
The Examiner-----	24 00
	-----

42 97

82 22

*Printing:*

Judd & Detweiler-----	125 00
Gibson Bros.-----	95 15
Gedney & Roberts-----	11 25
	-----

231 40

*Sundries:*

Incidentals: Dr. J. C. Welling-----	54 90
Prof. J. H. Gore-----	18 88
R. H. Martin, Assistant to the acting Secretary and Treasurer-----	27 35
H. G. Hodgkins, Registrar and Librarian-----	83 86
	-----
Supplies for Janitor: N. W. Burchell-----	8 68
E. F. Brooks-----	2 40
James B. Lambie-----	3 54
	-----

184 99

14 62

*Lunches for Corporation Meetings:*

James T. Wormley-----	24 00
Devine & Keenan (The Shoreham)-----	23 60
	-----
National Safe Deposit Company, year ending July 3, 1892-----	47 60
Interest on discounts from Riggs & Co.-----	40 00
Payment to Riggs & Co. on account of note of \$2,000 discounted Sept. 29, 1888, to make loan to Medical Faculty for payment of arrears of taxes-----	273 91
Fuel: J. T. Given-----	500 00
Ice-----	514 40
Assessment for membership in the College Association of the Middle States and Maryland-----	22 83
	-----
	15 00

Royce & Marean, rent of Gardner Clock for year ending May 18, 1892	\$15 00
C. Schneider, fire-proof safe	85 00
T. D. Singleton, 1 high office desk and stool	49 00
J. H. Davis, manager, Lang Document File Holder	30 00
Loaned to Corcoran Endowment Fund to enable it to make loan of \$1,600 to Miss M. E. Mann	266 41
Washington News Company, letter-press, stand, bowl, brush, and two impression books	15 21
R. H. Darby, 500 portfolio envelopes	3 00
T. W. Noyes, President Alumni Association, 500 copies Histor- ical Catalogue	250 00
Transferred to Academic Fund	1,447 31
	<hr/>
Credit balance	\$13,782 43
	<hr/>
	1,757 51
	<hr/>
	\$15,539 94

## ACADEMIC DEPARTMENT.

*Receipts.**College:*

Tuition	\$5,078 50
Laboratory material	188 09
Diplomas	14 00
Transferred from Law Department	2,000 00
Transferred from General Fund	1,447 31
	<hr/>
	\$8,727 81

*Preparatory School:*

Tuition	5,853 50
Rents—Admiral Powell property, C. W. Needham	848 33
	<hr/>
	6,701 83
	<hr/>
	\$15,429 64

## DISBURSEMENTS.

*Salaries:*

Prof. A. J. Huntington, in full to May 31, 1892	\$1,500 00
Allowance for house rent to May 31, 1892	300 00
	<hr/>
	\$1,800 00

Prof. E. T. Fristoe, in full to May 31, 1892.	\$1,500 00
Allowance for house rent to May 31, 1892.	300 00
	-----
	\$1,800 00
Prof. S. M. Shute, in full to May 31, 1892.	1,500 00
Allowance for house rent to May 31, 1892.	300 00
Salary as Secretary of Faculty, Academic, 1891 and 1892	40 00
	-----
	1,840 00
Prof. A. P. Montague, in full to May 31, 1892	1,500 00
Allowance for house rent to May 31, 1892.	300 00
Salary as Principal of Preparatory School	208 33
	-----
Prof. L. D. Lodge, in full to May 31, 1892	2,008 33
Prof. H. L. Hodgkins, in full to May 31, 1892	1,372 21
Prof. J. H. Gore, in full to May 31, 1892	1,614 17
Prof. Edward Roome, in full for scholastic year, 1891 and 1892	1,500 00
Prof. A. C. Starin, for instruction in penmanship	150 00
A. R. Stuart, Jr., instructor, in full to May 31, 1892	66 00
E. H. Jackson, instructor, in full to May 31, 1892	158 29
W. Aspinwall, instructor, in full to May 31, 1892	347 88
R. B. Randolph, for instruction in penmanship and book-keeping	347 88
R. B. Randolph, for instruction in penmanship and book-keeping	46 00
H. G. Hodgkins, instructor, in full to May 31, 1892	50 00
	-----
	\$13,100 76

*Janitor's Wages:*

Walter Honesty	-----	360 00
----------------	-------	--------

*Repairs.**Preparatory School:*

Geo. E. Hutchins, repairing water-closets	-----	\$175 00
S. B. Beyer, lowering wainscoting and putting up mouldings	-----	23 50
Thomas Hughes, repairing steps	-----	20 55
John Mitchell & Son, repairing steam-pipe	-----	1 00
Johnson & Morris, cleaning boiler	\$8 00	-----
Repairing heating apparatus	4 24	-----
	-----	12 24
J. B. Hunt, glazing	-----	8 00
W. B. Sebastian, making 26 yards of blackboard	-----	9 10
Alex. Millar, repairing water-closets	49 84	-----
	-----	299 23

*Powell House:*

C. E. Wells, carpenter-work .....	\$104 32
Macnichol & Son, painting .....	102 50
W. H. Arneth, repairs to roof and spouting .....	16 37
J. H. Kuehling, fitting keys and repairing locks .....	7 95
J. H. Mines, whitewashing and pointing .....	4 00
	-----
	\$235 14

*Taxes:*

C. D. Drake and W. B. Webb, executors, taxes on Powell House property, paid by them Nov. 16, 1885.	199 33
E. G. Davis, collector, water rent, year ending June 30, 1892:	
Preparatory School .....	\$41 50
Powell property .....	13 75
	-----
	55 25
	-----
	254 58

*Advertising:*

Evening Star .....	69 66
Washington Post .....	80 88
	-----
	150 54

*Printing:*

R. H. Darby .....	6 00
Gibson Bros. ....	23 31
B. S. Adams .....	192 00
	-----
	221 31

*Insurance:*

Preparatory School Building .....	75 00
Powell House property .....	37 50
	-----
	112 50

*Sundries:*

Fuel, J. T. Given .....	214 50
Ice, Great Falls Ice Company .....	9 80
Harris & Shafer, Preparatory School medals .....	111 70
W. H. Rapley, rental of National Theatre for Pre- paratory School exhibition .....	75 00
M. W. Galt, Bros. & Co., College medals .....	74 00
L. F. W. Weber: Music for Preparatory School exhibition .....	\$42 00
Music for College com- mencement .....	21 00
	-----
	63 00
Stationery: J. D. Free .....	84 73
William Ballantyne & Sons .....	17 15
	-----
	101 88

Gedney & Roberts, 5 diplomas	\$5 00
E. B. Hay, engrossing 8 diplomas	4 00
Mrs. Maria Digney, care of Powell house during its vacancy	5 00
H. G. Hodgkins, incidentals	1 70
David Greenlees, tuition in Preparatory School re- funded on account of sickness and withdrawal	20 00
Frank Sewell, tuition in Preparatory School refunded	10 00
	-----
	\$695 58
	-----
	\$15,429 64

## LAW DEPARTMENT.

Balance per last report	\$6,396 50
-------------------------	------------

## Receipts.

## Tuition:

Regular	\$19,194 00
Post-graduate	1,439 00
	-----
	\$20,633 00
M. M. Parker, prize	100 00
Diplomas	212 00
	-----
	20,945 00
	-----
	\$27,341 50

## Disbursements.

## Salaries:

Prof. Walter S. Cox, in full to May 31, 1892	\$3,000 00
Prof. Wm. A. Maury, in full to May 31, 1892	\$3,000 00
One-third of post-graduate fees (\$1,439) for year ending May 31, 1892	479 67
	-----
Prof. J. M. Harlan, in full to May 31, 1892	2,000 00
Prof. David J. Brewer, in full to May 31, 1892	500 00
Prof. W. G. Johnson, one-third of post-graduate fees (\$1,439) for year ending May 31, 1892	479 67
Prof. H. E. Davis, in full to May 31, 1892	\$200 00
One-third of post-graduate fees (\$1,439) for year ending May 31, 1892	479 66
	-----
Prof. Wm. E. Simonds, in full to May 31, 1892	679 66
Prof. Geo. H. Emmott, in full to May 31, 1892	300 00
Prof. Wm. F. Mattingly, in full to May 31, 1892	250 00
Prof. A. S. Worthington, in full to May 31, 1892	100 00
	-----
	50 00
	-----
	10,839 00

*Diplomas:*

Engraving, Gedney & Roberts .....	\$108.00
Engrossing, E. B. Hay .....	53.50
Ribbon, Seaton Perry .....	11.94
Cab hire (for obtaining signatures) .....	3.00

\$176.44

*Prizes:*

Frederick Carrigan, Parker prize, Senior class .....	100.00
Edward S. Hosmer, Britton prize, Post-Graduate class .....	50.00
Isaac Frohman, First Essay prize .....	40.00
T. A. Witherspoon, Second Essay prize .....	30.00
F. C. Townsend, Third Essay prize .....	20.00

240.00

*Printing:*

R. O. Polkinhorn .....	5.50
Judd & Detweiler .....	17.70
R. H. Darby .....	3.50
Gibson Bros. .....	55.99
B. S. Adams .....	47.40

130.09

*Law Books:*

Bancroft, Whitney & Co.: American State Reports .....	\$24.00
Three vols. Rappalji's Digest .....	18.00

\$42.00

W. H. Morrison, N. Y. Court of Appeals, Conn. Reports, Mass. Reports, Ill. Reports, U. S. Reports, &c. .....	606.25
Edward Thompson Co., Am. & English Encyclopedia of Law .....	6.00
W. H. Lowdermilk : Miscellaneous .....	\$118.70
Binding books .....	13.75

132.45

M. Curlander, Maryland Reports .....	8.00
F. H. Mackey, D. C. Reports .....	23.00

817.70

*Advertising:*

The Nation .....	46.17
The West Publishing Co. .....	23.34
The Central Law Journal .....	20.00
Public Opinion .....	22.80
The Evening Star .....	182.82
The Washington Post .....	177.75

472.88

*Sundries:*

Gas	-----	\$110 75
U. S. Electric Light Co.	-----	237 33
Fuel, J. T. Given	-----	272 50
W. H. Morrison, stationery	-----	51 80
Judd & Detweiler, 1 ledger	-----	9 00
Riggs & Co., to liquidate note discounted August 31, 1888, 6 %, to pay arrears of taxes on Law Building and deficit in salaries	-----	\$3,000 00
Riggs & Co., to liquidate note discounted August 31, 1889, 6 %, to meet salaries of faculty	-----	2,500 00
Riggs & Co., to liquidate note discounted September 29, 1888, for \$2,000, to make loan to Medical Faculty for payment of arrears of taxes on Medical Building (balance of \$500 still due, payable by Medical Faculty), 6 %	-----	500 00
	-----	6,000 00
Transferred to Academic Department	-----	\$6,681 38
Royce & Marean, putting in electric light wires	-----	2,000 00
Rent of Gardner clock	-----	\$293 45
	5 00	5 00
H. O. Towles, 10 dozen chairs	-----	298 45
Wm. M. Poindexter, placing allegorical panels in Lecture Hall	-----	279 00
Alex. Millar, repairs to chairs and fixtures in Law Lecture Hall	-----	120 00
H. G. Hodgkins, postage	-----	71 28
A. S. Pratt & Sons, agents, rent of the Academy of Music for Commencement	-----	2 36
	100 00	100 00
	-----	9,552 42
Credit balance	-----	22,228 53
	-----	5,112 97
	-----	\$27,341 50

## SCIENTIFIC DEPARTMENT.

Balance on hand per last report .....	\$641 57
---------------------------------------	----------

*Receipts.*

Diplomas .....	\$10 00
Tuition .....	5,388 72
Deposits returnable to students .....	257 44
Laboratory material .....	264 82
	5,920 98
	<hr/>
	\$6,562 55
	<hr/>

*Disbursements.**Advertising :*

The Evening Star .....	\$28 20
The Washington Post .....	20 25
	48 45

*Diplomas :*

Gedney and Roberts, 6 diplomas .....	6 00
E. B. Hay, engrossing 5 diplomas .....	2 50
	8 50

*Fuel :*

John T. Given, for Laboratory .....	11 00
-------------------------------------	-------

*Gas :*

Laboratory .....	123 75
------------------	--------

*Printing :*

Gibson Bros. ....	3 37
B. S. Adams .....	82 50
Judd & Detweiler .....	16 00
	51 87

*Salaries :*

Prof. E. T. Fristoe .....	923 50
" H. L. Hodgkins .....	853 40
" F. R. Fava .....	698 70
" S. M. Shute .....	317 78
" L. D. Lodge .....	303 64
" E. P. Lewis .....	301 44
" W. S. Yeates .....	195 74
" H. Schönfeld .....	162 16
" H. King .....	322 29
	4,018 65

*Sundries:*

Richards & Co., Laboratory supplies	\$157 28
Eimer and Amend, Laboratory supplies	199 49
B. W. Hough, 1 table and 3 locks	21 50
Wm. Ballantyne & Son, 1 quart of ink	60
Transferred to the General Fund, being the balance due the University at the close of the scholastic year, 1890 and 1891	674 57
Transferred to the General Fund, being the balance due the University to November 24, 1891	287 50
Repairs and materials for Chemical Department	32 43
Prof. E. T. Fristoe, Laboratory deposits returned to students	166 62
Prof. E. T. Fristoe, freight charges on Laboratory material	7 34
	----- \$1,547 33
Credit balance	5,809 55
	753 00
	----- \$6,562 55

## CORCORAN ENDOWMENT FUND.

Balance on hand per last report ----- \$79 56

*Receipts:*

Note of Mrs. Emily M. Chamberlin, paid June 16, 1891	1,200 00
City of Warsaw bonds, sold October 12, 1891	200 00
Note of William A. Johnson, paid October 23, 1891	688 38
Cincinnati municipal bonds, sold November 25, 1891	37,045 00
Note of Robert C. Stickney, paid April 20, 1892	2,000 00
Note of William F. Holtzman, paid May 4, 1891	9,500 00
Borrowed from Medical Faculty Sinking Fund	250 00
Borrowed from General Fund	787 06

*Disbursements:*

Note of Mrs. Elizabeth M. Power and Mrs. Mary C. Peterson, secured by deed of trust, purchased May 5, 1892	10,000 00
Note of George N. Rider, secured by deed of trust, purchased March 15, 1892	1,600 00
Note of Mary E. Mann, secured by deed of trust, pur- chased April 20, 1892	2,000 00

Note of John W. Hibbs, secured by deed of trust, purchased December 16, 1891-----	\$13,000 00
Three notes of Lucy J. and George M. Wheeler, two for \$10,000 each and one for \$5,000 -----	25,000 00
Accrued interest to date of purchase -----	150 00
	<hr/>
	\$51,750 00 51,750 00

## ELTON FUND.

Cash balance as per last report and still on hand-----	\$50 64
--	---------

## WILLIE E. FITCH FUND.

Balance on hand per last report-----	\$35 00
--------------------------------------	---------

*Receipts.*

Note of W. F. Nash, paid March 11, 1892-----	1,000 00
Interest on note to date of payment-----	38 20
American Security and Trust Co. debenture bond No. 138, sold April 30, 1892-----	101 25
Interest on same for 12 months-----	5 00
Cosmos Club bond No. 72, sold April 30, 1892-----	102 00
Interest on same for 6 months-----	2 50

*Disbursements.*

Note of Josiah W. McLachlen, trustee, secured by deed of trust, purchased April 30, 1892-----	1,200 00
Accrued interest to date of purchase-----	13 60
For chemistry prize-----	65 00
Balance on hand-----	5 35
	<hr/>
	1,283 95 1,283 95

## SINKING FUND—MEDICAL FACULTY NOTE.

*Receipts:*

Balance on hand per last report-----	\$4 00
From Dr. A. F. A. King, dean-----	250 00
Interest on Cosmos Club bonds, 6 months, to Decem- ber 1, 1891-----	5 00
Interest on the Church of the Covenant bonds, 1 year, to January 1, 1892-----	15 00
Interest on note of Miss Mary E. Mann from Decem- ber 4, 1890, to April 20, 1892-----	24 80
Note of Miss Mary E. Mann, paid April 20, 1892-----	300 00

*Investment:*

Invested in note of Geo. N. Rider (Corcoran Endowment Fund)	\$250 00
Loaned General Fund	15 00
Balance on hand	333 80
	<hr/>
	\$598 80
	<hr/>
	\$598 80

*Recapitulation.*

## GENERAL FUND:

Cr. balance per last report	\$3,019 65
Receipts during the year	12,520 29
	<hr/>
Payments during year:	\$15,539 94
Salaries	6,982 12
Miscellaneous	6,800 31
	<hr/>
	13,782 43
Cr. balance	<hr/>
	\$1,757 51

## ACADEMIC DEPARTMENT:

Receipts during year	\$15,429 64
Payments during year:	

Salaries	\$13,460 76
Miscellaneous	1,968 88
	<hr/>

LAW DEPARTMENT:

Cr. balance per last report	6,396 50
Receipts during year	20,945 00
	<hr/>
Payments during year:	27,341 50
Salaries	10,839 00
Miscellaneous	11,389 53
	<hr/>
	22,228 53

Cr. balance 

---

 5,112 97

## SCIENTIFIC DEPARTMENT:

Cr. balance per last report	\$641 57
Receipts during year	5,920 98
	<hr/>

Payments during year: 

---

 6,562 55

Salaries	\$4,018 65
Miscellaneous	1,790 90
	<hr/>
	5,809 55

Cr. balance 

---

 753 00

## CORCORAN ENDOWMENT FUND:

Cr. balance per last report	\$79 56
Receipts during year	51,670 44
	<u>      </u> \$51,750 00
Investments during year	51,750 00

## ELTON FUND:

Cr. balance per last report (still on hand)	\$50 64
---	---------

## WILLIE E. FITCH FUND:

Cr. balance per last report	\$35 00
Receipts during the year	1,248 95
	<u>      </u> \$1,283 95
Disbursements	1,278 60
	<u>      </u>
Cr. balance	5 35

## SINKING FUND--MEDICAL FACULTY NOTE:

Cr. balance per last report	\$4 00
Receipts during year	594 80
	<u>      </u> 598 80
Investments	265 00
	<u>      </u>
Cr. balance	333 80
	<u>      </u>
Net Cr. balance	<u>      </u> \$8,013 27

## SCHEDULE B.

## LIABILITIES.

Note secured on University Building, 5 per cent.	\$18,000 00
Note secured on Law Building and Third-street house, 5 per cent.	16,000 00
Note secured on Preparatory School Building, 6 per cent.	4,434 13
	<u>      </u> \$38,434 13

## SCHEDULE C.

*Investments of the Scholarships.*

## ELTON FUND.

Chesapeake and Ohio Canal bonds, interest 6 per cent., payable January and July, Nos. 2041, 2053 to 2058, 2060, each \$1,000	\$8,000 00
Nos. 1640, 1641, each \$500	1,000 00
	————— \$9,000 00
Burlington and Missouri River Railroad Co. land-mortgage bonds, interest @ 7 per cent., payable April and October, Nos. 3011 and 3012, each \$1,000	2,000 00
Interest collected to April 1, 1892.	
United States coupon fours, interest payable January, April, July, and October, Nos. 14776, 14783, and 14784, each \$1,000	3,000 00
Interest collected to April, 1892.	————— \$14,000 00

## KENDALL FUND:

Chesapeake and Ohio canal bonds, Nos. 1642, 1643, each \$500	1,000 00
U. S. 4 per cent. registered bonds, interest payable January, April, July, and October, Nos. 101,966, 101,967, each \$1,000	2,000 00
Interest collected to April, 1892.	
D. C. 3.65 registered bond, interest payable February and August, No. 3141	1,000 00
Interest collected to February, 1892.	
Note of J. W. Hogg (assumed by J. T. Power, now deceased), dated March 31, 1883, on or before five years, 4 per cent. Secured on lot 31, south grounds Columbian University (1431 Chapin street)	1,875 00
Note extended for three years from March 31, 1891, @ 6 per cent.	
Interest paid to May 5, 1892.	————— 5,875 00

## FARNHAM FUND:

Chesapeake and Ohio Canal bond, No. 2164	1,000 00
--	----------

**DAVIS FUND:**

Chesapeake and Ohio Canal bond, No. 960	\$1,000 00
---	------------

**CARTER FUND:**

Chesapeake and Ohio Canal bond, No. 2165	1,000 00
--	----------

**WILLIE E. FITCH FUND:**

Note of Josiah W. McLachlin, trustee of the Security Investment Company, dated September 26, 1891, payable in 3 years, with interest at 6 per cent. per annum, payable semi-annually, secured by deed of trust on lot 78, square 1008	1,200 00
	<hr/>
	24,075 00
	<hr/>

**SCHEDULE D.***Investments of the Corcoran Endowment Fund.**Bonds:*

United States registered fours, interest payable January, April, July, and October, Nos. 65567 to 65570, 112,936, 112,937, 112,938, each \$100	\$700 00
Nos. 57162, 66121, 81177, 92533, each \$1,000	4,000 00
	<hr/>
	\$4,700 00

Interest collected to April, 1892.

District of Columbia three-sixty-fives, interest payable February and August:	
Registered, Nos. 3162, 3163, 3164, 3450, 4018, each \$1,000	5,000 00
Coupons Nos. 16156, 27291, each \$500	1,000 00
Nos. 2861, 3229, 3230, 3324, 6755, 7179, 7373, each \$50	350 00
	<hr/>
	6,350 00

Interest collected to February, 1892.

Church of the Covenant bonds, interest 5 per cent., payable January and July:	
Nos. 187 to 189, each \$1,000	3,000 00
Nos. 32 to 35, each \$100	400 00
	<hr/>
	3,400 00

Interest collected to January 1, 1892.

Par value of bonds	14,450 00
	<hr/>

*Notes:*

Note of Major T. B. Ferguson, dated March 18, 1892, payable in five years, with interest at 5 per cent. per annum, payable semi-annually, secured by deed of trust on sub-lot 102, square 212 -----	\$20,000 00
Five notes of Charles Losekam, dated November 21, 1884, one for \$8,000, due November 21, 1885, and four for \$5,000 each, due May 21, 1887, with interest at 6 per cent. per annum, payable semi-annually, all secured on No. 1323 F street N. W. -----	23,000 00
Interest paid to May 21, 1892. Payment of notes extended for 5 years from May 21, 1888, one year @ 6 per cent. and four years @ 5 per cent., payable semi-annually.	
Note of Mrs. Rebecca Ruter Springer, dated May 24, 1887, payable in 3 years, with interest at 5 per cent. per annum, payable semi-annually, secured by deed of trust on parts lots 6, 7, and 8, Law and Carroll's subdivision of square 690 -----	7,500 00
Interest paid to May 24, 1892.	
Time of payment of note extended.	
Note of Miss Mary E. Mann, dated May 10, 1886, payable in 3 years, with interest at 6 per cent. per annum, payable semi-annually, secured by deed of trust on lots 26, 27, 44, 45, 46, and 47, Lanier Heights -----	1,000 00
Interest paid to May 10, 1892.	
Note of Alice E. Birtwell and Daniel Birtwell, dated April 1, 1890, payable in three years, with interest at 6 per cent. per annum, payable semi-annually, secured by deed of trust on part of lot 14, in square 865 -----	2,000 00
Interest paid to April 1, 1892.	
Note of James B. Wimer, dated June 23, 1890, pay- able in three years, with interest at 6 per cent. per annum, payable semi-annually, secured by deed of trust on lot 33, Tuttle's subdivision of part of Widow's Mite -----	3,060 00
Interest paid to December 23, 1891.	

Note of J. Nathan Baker, dated February 9, 1891, payable in three years, with interest at 6 per cent. per annum, payable semi-annually, secured by deed of trust on part of lot 4, square 871 (No. 613 B St. S. E.)-----	\$2,000 00
Note of Archibald M. McLachlen and Robinson White, trustees of the Security Investment Com- pany, dated May 7, 1891, payable in three years, with interest at 6 per cent. per annum, payable semi-annually, secured by deed of trust on lot 9, Lanier Heights-----	3,000 00
Note of Faculty of National Medical College—J. Ford Thompson, M. D., president, and A. F. A. King, M. D., dean—dated July 1, 1887, with interest at 5 per cent. per annum, payable semi-annually; \$250 to be paid annually as a sinking fund for redemption of notes-----	10,000 00
Interest paid to January 1, 1892.	
Note of the Columbian University, dated September 20, 1882, payable in one year, with interest at 5 per cent. per annum, payable semi-annually, secured by deed of trust on Law Building and No. 222 Third street-----	16,000 00
Purchased from National Savings Bank.	
Note of the Columbian University, dated September 26, 1882, payable in one year, with interest at 5 per cent. per annum, payable semi-annually, secured by deed of trust on original lots 9, 10, 11, and part of 12, square 222 (University Building and grounds)-----	18,000 00
Purchased from Riggs & Co. March 26, 1888.	
Note of H. H. Barker (assumed by the Columbian University), dated April 9, 1881, payable in three years, with interest at 6 per cent. per annum, pay- able semi-annually, secured by deed of trust on sub- lots 5 and 6, square 250 (Preparatory School Build- ing)-----	4,434 13
Purchased from the Louise Home April 9, 1888.	
Note of George N. Rider (assumed by Miss Mary E. Mann), dated March 7, 1890, payable in one year, with interest at 6% per annum, payable semi-an- nually, secured by deed of trust on lot 23, Lanier Heights. Payment extended 5 years from March 15, 1892. Interest paid to March 15, 1892-----	1,600 00

Note of Miss Mary E. Mann, dated April 20, 1892, payable in five years, with interest at 6% per annum, payable semi-annually, secured by deed of trust on lot 59, Lanier Heights -----	\$2,000 00
Note of John W. Hibbs, dated Dec. 16, 1891, payable in three years, with interest at 6% per annum, payable semi-annually, secured by deed of trust on part of lot 671 -----	13,000 00
Three notes of Lucy J. and Geo. M. Wheeler—two for \$10,000 each and one for \$5,000—dated October 20, 1891, payable in three years, with interest at 6 per cent. per annum, payable semi-annually, secured by deed of trust on lot 5, square 185 -----	25,000 00
Interest paid to April 20, 1892.	
Note of Elizabeth M. Power and Mrs. Mary C. Pe- terson, dated May 5, 1892, payable in five years, with interest at 6 per cent. per annum, payable semi-annually, secured by deed of trust on lots 30 and 31, south grounds, Columbian University -----	10,000 00
Note of Robert W. Fenwick for subscription -----	1,000 00
Sundry notes for subscription (believed to be worth- less) -----	1,125 00
Amount of notes -----	\$163,719 13
Total -----	\$178,169 13

## SCHEDULE E.

*Miscellaneous Investments.**District of Columbia Coupon Bonds:*

Three-sixty-fives, interest payable February and Au- gust, Nos. 16653 to 16656, each \$500 -----	\$2,000 00
Nos. 7881 and 7882, each \$50 -----	100 00
Interest collected to February 1, 1892. -----	\$2,100 00

*Quinsigamond National Bank:*

Certificate No. 5 for 5 shares -----	500 00
Dividends paid April 1, 1892. -----	

Two notes of Miss Lillian G. Hayden of \$250 each, dated May 7, 1886, payable in one and two years respectively, with interest at 6 per cent. per annum, payable semi-annually, secured on lot 49, Lanier Heights ----- \$500 00

Interest paid to May 7, 1892. Time of payment of notes extended.

*Donation from Hon. Gardiner Greene Hubbard :*

Cosmos Club bonds, interest 5 per cent., payable June and December, Nos. 113 to 117, each \$100-----	\$500 00
Interest collected to December 1, 1891.	
Pennsylvania Telephone Company certificate, No. 1485 for 12 shares, par value \$50 each -----	600 00
	-----
	1,100 00
	-----
	\$4,200 00

Dividends paid to April 1, 1892.

*Sinking Fund-Medical Faculty Note.*

Church of Covenant Bonds, interest 5 per cent., payable January and July, Nos. 46, 47, and 48, each \$100-----	\$300 00
Interest collected to January 1, 1892.	
Cosmos Club Bonds, interest 5 per cent., payable June and December, Nos. 70 and 71, each \$100-----	200 00
Interest collected to December 1, 1891.	
Invested in note of George N. Rider (Corcoran Endowment Fund) -----	250 00
Loaned General Fund -----	15 00
	-----
	\$765 00

*Recapitulation.*

Investments of the Scholarships -----	\$24,075 00
Investments of the Corcoran Endowment Fund -----	178,169 13
Investments of the Sinking Fund-Medical Faculty Note -----	765 00
Miscellaneous investments -----	4,200 00
	-----
Total -----	\$207,209 13

SCHEDULE F.—*Description and Assessed Valuation of Real Estate.*

Square.	Lot.	Assessed Value of Lot.	Value of Improvements.	Total Assessed Value.
222	9, 10, 11, & pt. 12 Subs 5 & 6.....	\$58,534 00 4,989 00	\$80,000 00	\$138,534 00
250	Of 6 & of s. 1 .....	6,020 00	21,500 00	26,489 00
250	{ Of 6 .....	2,565 00	5,000 00	11,020 00
250	{ Of sub 1 .....	336 00	1,500 00	4,401 00
	{ S. ½ 13 .....	3,578 00		
489	{ 14 .....	7,292 00	\$500 00	19,280 00
Reservation 10	42 .....	6,293 00		
"	43 .....	4,887 00	6,000 00	17,180 00
126	{ Sub C.....	8,820 00		
South of 12	{ Of sub D .....	1,470 00	12,000 00	22,290 00
13	Of 1 .....	3,070 00		3,070 00
13	8 .....	2,052 00		2,052 00
13	10 .....	1,331 00		1,331 00
13	12 .....	2,244 00		2,244 00
13	13 .....	2,354 00		2,354 00
16	9 .....	1,853 00		1,853 00
23	8 .....	2,139 00		2,139 00
West of 23	2 .....	325 00		325 00
83	5 .....	3,590 00		3,590 00
87	5 .....	1,422 00		1,422 00
88	2 .....	295 00		295 00
"	2 .....	129 00		129 00
				\$259,998 00

SCHEDULE G.—*Table of Insurance.*

PREMISES,	Amount.	Name of Company.	Location of Com- pany.	No. of Policy.	Premium.	Policy Expires.
Law Building.....	\$3,000	Columbia.....	District of Columbia.	1,169	\$12 00	Jan. 29, 1893. 1 yr.
	3,000	Firemen's.....	" "	17,531	12 00	Jan. 29, 1893. 1 yr.
Cutler (Third street) house.	5,000	Arlington .....	" "	4,887	15 00	Jan. 5, 1893. 1 yr.
Preparatory Building .....	5,000	Columbia.....	" "	980	50 00	Nov. 1, 1894. 3 yr.
	2,500	Franklin.....	" "	8,640	25 00	Nov. 1, 1894. 3 yr.
	5,000	Columbia.....	" "	1,888	20 00	Jan. 10, 1893. 1 yr.
	5,000	Riggs.....	" "	209	20 00	Jan. 10, 1893. 1 yr.
University Building.....	5,000	Arlington.....	" "	5,273	20 00	Jan. 10, 1893. 1 yr.
	5,000	Corcoran.....	" "	3,360	20 00	Jan. 10, 1893. 1 yr.
	5,000	Franklin.....	" "	9,171	20 00	Jan. 10, 1893. 1 yr.
Furniture, fixtures, &c., in University Building.	5,000	{ Liverpool & London and Globe .....	New York Branch.	3,217,702	25 00	June 13, 1892. 1 yr.
Powell house, No. 1707 I street.	5,000	Franklin .....	District of Columbia.	10,416	12 50	Feb. 11, 1893. 1 yr.
	2,500	Firemen's .....	" "	19,013	25 00	Feb. 14, 1897. 5 yr.

*Annual Financial Report of the Medical Department of the Columbian University from March 19, 1891, to March 19, 1892.*

1891.		
March 19.	Cash balance remaining from last account.....	\$1,166 39
1892.		
March 19.	Total receipts from lecture fees, &c.....	10,915 45
	Total receipts.....	\$12,081 84
" " "	Total payments to date .....	11,074 26
	Balance on hand.....	\$1,007 58

The expenditure of \$11,074.26 may be summarily itemized as follows:

1891.		
May	9. To Columbian University, half year's interest on \$1,000, balance of tax loan, at 5 per cent. per annum .....	\$25 00
July	1. To Columbian University, half year's interest on \$10,000, building loan, at 5 per cent. per annum.	250 00
"	" To Columbian University, annual payment of sinking fund on building loan.....	250 00
Oct.	12. To Columbian University, half year's interest on \$1,000, balance of tax loan, at 5 per cent. per annum .....	25 00
"	" Redemption of note for \$500 on tax loan.....	500 00
1892.		
Feb.	19. To Columbian University, half year's interest on \$10,000, building loan, at 5 per cent. per annum. (This was due January 1, but, owing to death of Mr. Fox, no notice was sent, and it was overlooked till February 19.)	250 00
Mar.	19. Salary of Prof. J. Ford Thompson.....	950 00
"	" " " W. W. Johnston .....	950 00
"	" " " A. F. A. King .....	950 00
"	" " " E. T. Fristoe .....	950 00
"	" " " William Lee .....	950 00
"	" " " D. W. Prentiss .....	950 00
"	" " " D. K. Shute.....	950 00
"	" Dr. Wm. M. Gray .....	300 00
"	" " " Geo. N. Acker .....	150 00
"	" " " Veranus A. Moore.....	50 00
"	" Advertising .....	347 60

Mar.	19. Dean's commission on receipts (2½ per cent.).....	\$272 88
"	" Janitor.....	245 00
"	" Fuel .....	189 00
"	" Other expenses for the year, including gas, water, printing, stationery, postage, insurance, cata- logues, diplomas, prizes, commencement ex- penses, anatomical material, repairs, and numer- ous small sundries.....	1,569 78
	Total expenditure as above stated.....	\$11,074 26

Respectfully submitted by—

A. F. A. KING, M. D., *Dean.*

*Annual Financial Report of the Dental Department of the Columbian  
University from March 19, 1891, to March 19, 1892.*

1891.

March 19. Cash balance remaining from last account.....	\$477 62
1892.	
March 19. Receipts from lecture fees, &c., to date .....	2,202 10
Total receipts.....	\$2,679 72
Total expenditure to date.....	2,215 52
Balance on hand.....	\$464 20

The expenditure of \$2,215.52 may be summarily itemized as follows:

Salary of Dr. R. Finley Hunt, Demonstrator, in charge of Dental Infirmary, 9 months, at \$50 per month.....	\$450 00
Salary of Prof. J. Hall Lewis .....	180 00
" Henry C. Thompson .....	180 00
Salaries of four medical professors in Dental Department, turned over to General Fund of Medical Faculty, as by agreement .....	720 00
Paid Medical Department one-fourth of annual interest on building loan of \$10,000.....	125 00
Dental materials for Infirmary .....	278 38
Running expenses, including catalogues, advertising, janitor, and a few small sundries .....	282 14
Total expenditure as above stated.....	\$2,215 52

Respectfully submitted by—

A. F. A. KING, M. D., *Dean.*

REPORT OF AUDITING COMMITTEE.

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*To the Corporation of the Columbian University.*

GENTLEMEN: The Auditing Committee have examined the bonds, and notes, exhibiting the investment of the moneys pertaining to the various endowment funds and the miscellaneous securities of the Corporation now in the hands of the Treasurer, and find the foregoing schedules to be correct, and that the bonds, &c., are now safely kept in the vaults of the National Safe Deposit Company.

We have also carefully examined the foregoing statements of receipts and expenditures during the year ending May 31, 1892, and balances, and find the same to be correct and to agree with the vouchers.

J. ORMOND WILSON.

JOHN T. GIVEN.

